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NATIONAL SECURITY

Undergraduate studies
(The three-year Bachelor's Degree)

Specializations:

- European security
- State security
- Crisis management in public administration
- **Police Studies novelty!**

Requirements:

A successful candidate have matura passes secondary/high school in two of following subjects: geography, history, maths, foreign language or civics.

Postgraduate studies
(The two-year Master's Degree)

Specializations:

- State security
- Policy and security of Euro-Atlantic region
- **Industrial espionage novelty!**

3-Year Bachelor's Degree Course in National Security:

This full-time course is designed for former lyceum (secondary/ high school) students who are interested in issues concerning national security with the main goal to give students a sound knowledge and thorough understanding of the discipline of national security in order to help them in their future jobs.

The graduates will be able to confidently apply for posts in the undermentioned organizations: security services, public and regional administration, international organizations, institutions of the EU, the UN or NATO, ministries and non-governmental organizations.

During the three-year program, students will be offered following courses: legal basis for security, security policy, crisis management, logistic contingency planning, international political and military relations, security institutions and will be able to choose one of four specializations- European security, state security, crisis management in public administration and Police Studies.

Bachelor's degree graduates in "European Security" will be qualified to work for international and domestic security institutions. They will have acquired in depth knowledge of contemporary world history, the EU's foreign and security policy, NATO, determinants of European and economic security, security systems in European countries, Polish foreign and security policy.

Bachelor's degree graduates in "State Security" will be qualified to work for security services, such as the Police, the Fire Service, and security inspectorates. They will have gained knowledge of political security in contemporary world, the internal security system of a state, economic and social security of citizens, the

legal basis of Polish security system, state defense system, states of emergency, war games, armed forces in NATO member countries.

Bachelor`s degree graduates in "[Crisis management in public administration](#)" will be qualified to work for emergency response institutions. The course will provide them sound knowledge of organization and management theory with elements of logistics, a state security system with emphasis on public security, military and non-military crisis management.

Bachelor`s degree graduates in [POLICE STUDIES](#) will provide detailed knowledge of public security, criminal law, criminology, security of people and goods, crime prevention, terrorism prevention.

2-Year Master`s Degree Course in National Security:

Further more thanks to our cooperation with the Polish Police Headquarters, our graduates will be exempt from the theoretical part of the basic training during recruitment to the Police.

This full-time course is designed for Bachelor`s degree graduates in human or natural sciences and to graduates of Military Academies.

Master`s degree graduates in "[State Security](#)" will have extensive knowledge of political and military security in the contemporary world, economic and social security, state security and security threats, policy and national security strategy of the state, a state defense system, security systems in the European countries, general functions of the armed forces, cultural security.

Master`s degree graduates in "[Policy and security of Euro-Atlantic region](#)" will have gained knowledge of contemporary international security with a special emphasis put on European and transatlantic region and their global interests. The course focuses on state security in international terms and on a state`s activity in the realm of institutional cooperation.

Master`s degree graduates in [INDUSTRIAL ESPIONAGE](#) will have a comprehensive knowledge of accessing, analyzing and making use of information.

Furthermore, thanks to our cooperation with the Polish Police Headquarters, our graduates will be exempt from the theoretical part of the basic training during recruitment to the Police.

PHILOLOGY

The First Level Studies/Undergraduate
(3-year course, degree: [B.A.])

Fields of study:

- English Studies
- German Studies (only full-time program)
- Russian Studies

Admission requirements: Secondary / High school passes.

Old Matura Exam: an oral exam in English, German, or Russian, respectively; enrolment of students on the basis of marks in school-leaving certificates: either Polish language or another foreign language.

New Matura Exam: an obligatory foreign-language exam in English, German, or Russian, respectively; additionally either Polish language exam or another foreign language exam

Philology, or Modern Language Studies, has always been a prestigious field of study owing to the fact that the command of foreign languages is essential both at work and in life in the modern world of technology, culture, business, science and education. Thus, graduates of Modern Language Studies acquire good command of chosen foreign languages, both oral and written language skills, as well as general knowledge of the history and culture of the country where the chosen language is spoken in the scope corresponding with current qualifying standards.

Besides this, graduates of the Modern Language Studies gain basic computer skills. All courses are run according to teaching methods appropriate to a given subject, with special attention paid to students' involvement. Apart from acquiring knowledge in the form of lectures, students develop the ability to implement it in actual professional situations by participating in classes held in classrooms and laboratories. Students' education takes place in four major fields: literature, linguistics, methodology of teaching a foreign language, and cultural studies.

Students attending full-time programs have a possibility to choose the teaching module for free and prepare for the profession of a foreign language teacher. The studies prepare graduates to do various jobs of civil service, or private sector, including services, as well as in the mass media or public relations where foreign language skills are needed. Moreover, graduates are ready to start the second-level [M.A.] studies in the country or abroad.

Graduates of [English Studies](#) develop English language skills, both oral and written, as well as the general knowledge of the history and culture of Great Britain and the USA, which is the chief asset in communication and international exchange. Moreover, graduates possess the methodological knowledge and psychopedagogical skills essential not only in the teacher's job, but also in interpersonal relations, both at the local and international levels in the areas of the civil service, consultancy, management, journalism, exchange of information

or administration of seaports and airports, and also in other areas of professional activity.

Graduates of [German Studies](#) develop German language skills, both oral and written, at a level corresponding with current qualifying standards. They also acquire general knowledge of the development, culture and civilisation of Germany and other German-speaking countries, which will prepare graduates to freely operate on both domestic and international job markets not only in the field of education, but also the civil service, language consultancy, exchange of information, public relations and the exchange of goods with the biggest Polish economic partner – Germany. Students attending German Studies have the possibility of doing language workshops in Germany.

Graduates of [Russian Studies](#) develop Russian language skills, both oral and written. They also graduate with essential knowledge of the history and culture of Russia and Russian-speaking countries. Acquiring the international language of the Eastern World makes the graduate a universal medium of communication in these territories. Moreover, the knowledge and skills acquired thanks to a large range of methodological and psycho-pedagogical subjects prepare the graduates not only to perform still-needed profession of a Russian teacher, but also enables them to do jobs in the civil service, language consultancy, exchange of information within public relations, and also participate in cross-border traffic between Russia and other Russian-speaking countries and the EU member states.

Postgraduate studies
(The two-year Master's Degree)

[Fields of study:](#)

- English Studies
- German Studies
- Russian Studies

POLISH PHILOLOGY

First-degree studies (Undergraduate program)
(Three-year undergraduate studies; awarded degree: BA)

Specialization courses:

- Polish language and speech-language pathology
- Philology for media and business with a foreign language
- Social communication and editorial work

Admission requirements:

Two subjects: Polish language (compulsory), foreign language (of your choice),
For „Polish language and speech-language pathology“ a pronunciation check and a hearing examination are obligatory.

Second-degree studies (Postgraduate program)
(Two-year graduate studies, awarded degree: MA)

Specialization courses:

- Polish language and speech-language pathology
- philology for media and business with a foreign language
- social communication and editorial work

Admission requirements:

The course „Polish language and a speech-language pathology“ is available only for those who possess a BA degree of this specialization course.

Description of the program:

First-degree studies

A graduate in these studies will acquire knowledge about Polish language, linguistics and communication, Polish and world literature and contemporary culture. During the workshops and labs students will acquire substantial knowledge and professional skills in the field of speech-language pathology, media and journalism, proof-reading and editorial skills. The qualifications will enable them to work in education, media, publishing, advertising and many other businesses.

On completion of “[Polish language and speech-language pathology](#)”, graduates will have the knowledge, skills and qualifications necessary for diagnosing and therapy of speech impediment of dyslalia. They may start work as speech therapists in educational institutions. If a student plans to obtain the qualifications to work as a speech therapist, and such qualifications may be acquired on completion of the second-degree studies, then he or she has to simultaneously complete the so called didactic module that entitles them to work as a teacher.

Students may continue second-degree (Postgraduate) studies in this course and gain qualifications that entitle them to work as speech therapists.

Upon completing the course on “[philology in media and business with a foreign language](#)”, a graduate is prepared for starting a job in advertising, PR or the media.

A graduate will have deep and practical language skills (in English or Russian). After completing the course on "social communication and editorial work", a graduate will have extensive competences in the field of editorial and publishing work in journals, literary and scientific publishing houses, as well as electronic media. He or she will also have practical journalistic skills. With some additional courses a Polish philology student will have the opportunity to acquire qualifications to work as a Polish language teacher in primary schools.

Second-degree studies (Postgraduate program)

A graduate in these studies will be equipped with knowledge of Polish philology, linguistics and communication, literature and contemporary culture. The course "Polish language and speech-language pathology" leads to speech therapy qualifications. Other courses educate in the field of editorial and journalistic skills, copywriting, PR as well as foreign languages (English or Russian). Completion of these cutting edge Polish studies enables graduates to land prestigious jobs. Upon completion of the course on Polish language and speech-language pathology, a graduate is equipped with qualifications that entitle him /her to work as a speech-therapist. On successful completion of the course on philology for media and business with a foreign language, a graduate can pursue his or her career in advertising, PR or business. He or she has deep practical knowledge of a foreign language (English or Russian optionally).

On completion of the course on social communication and editorial work a graduate can pursue a career in journals, literary and scientific publishing houses or electronic media. A graduate is provided with competences and skills that entitle him/her to work as a journalist.

Within additional courses a Polish philology student will have an opportunity to complete a didactic module, which provides them with qualifications to work as a Polish language teacher in primary, middle and secondary schools.

Attention! Candidates for „Polish philology“ must choose their specialization course after the first semester.

HISTORY

First-cycle programme (Undergraduate program)
(3-year studies, obtained degree: bachelor's degree)

Specialities:

- archive studies and records management
- preservation and promotion of national heritage (full-time programme only)

Admission requirements:

Secondary or High School exams in any two subjects from: Polish language, geography, history, foreign

Second-cycle programme (Postgraduate program)
(2-year studies, obtained degree: master's degree)

Specialities:

- archive studies and records management
- preservation and promotion of national heritage
- contemporary records management

Description of the field of study / Course outline:

First-cycle programme (Undergraduate)

The course provides comprehensive knowledge of Polish and general history. The programme includes both historian techniques and history-related courses. Over here history is the discovery and reconstruction of the past. It enables students to explore the richness of human experience and encourages students to seek explanations for the legacies that shape contemporary cultures and societies. History graduates are prepared for the second-cycle.

"Archive studies and records management" speciality prepares graduates for work in archives, state and self-government administration offices, museums, publishing houses, and cultural institutions.

"Preservation and promotion of national heritage" speciality prepares graduates for work in museums, printing houses, and cultural institutions as well as state and self-government administration offices.

Second-cycle programme (Postgraduate program)

Over here, history is the discovery and reconstructions of the past. It enables students to explore the sickness of human experience and encourages them to seek explanations for the legacies that shape contemporary cultures and societies. Candidates who wish to take up Postgraduate Courses do not need to have any additional exam passes or credits from any of the following fields of study, except their history credits: (administration, archaeology, archive studies, national security, domestic security, journalism and social communication, artistic education, economics, ethnology, European studies, Classical studies,

foreign language and literature studies, Polish studies, philosophy, geodesy and cartography, geography, geology, art history, scientific information and library science, conservation and restoration of works of art, culture studies, musicology, family studies, cultural heritage preservation, organization of film and television production, paper-making and printing, pedagogy, political studies, social policy, sociology, international relations, tourism and recreation, the study of theatre, management, and long-time cycle law and theology graduates), who wish to take up the second-cycle programme.

“[Archive studies and records management](#)” speciality prepares graduates for work in archives, state and self-government administration offices, museums, publishing houses, and cultural institutions.

“[Preservation and promotion of national heritage](#)” speciality prepares graduates for work in museums, printing houses, and cultural institutions as well as state and self-government administration offices.

“[Contemporary records management](#)” speciality prepares for work in archives, state and self-government administration offices.

Note!

Students may additionally choose to complete the courses preparing them for work as a history teacher during the first- and the second-cycle programme.

PEDAGOGY / EDUCATION

A graduate of the college studies of the first degree (BA) has at his disposal a general-pedagogic, historical-philosophical, sociological and psychological basic knowledge essential to understand the socio-cultural context of education, upbringing and caring work and for defining one's own professional development. He has the ability of social communication, use the diagnostic workshop, enrich and improve his knowledge and competence for practical action and create his own methodological workshop. He is able to have a reflective look at his own professional role and deepened understanding of educational reality. He has foreign language skills, both general as well as professional terminology in the field of pedagogy. He is set to take up second degree studies (MA).

The graduate of the college of the second degree (the so called MA) has a sound theoretical background of interdisciplinary features oriented to specific pedagogic specialization. He is skilled enough to conduct research, to independently solve theoretical and practical problems in the field of his specialty. He is prepared for pro-social activity, self-improvement and continuation of educational career on the third degree studies (doctoral). PhD studies.

A graduate with the title of BA and MA in education gets basic professional qualifications depending on the chosen specialty, with the possibility of orientation in a given pedagogic specialization.

Studies of the first degree (at the BA level)

A graduate in the field of "[Early-childhood Education with the Preschool Education](#)" is prepared to undertake teaching and educational tasks of the nursery school and the school, to combine the knowledge and abilities in the field of preschool education and early-school education with the knowledge about the child and the school and pre-school environment.

A graduate in "[Early-school Education with the Re-education](#)" is prepared to work in classes I-III of the primary school and conducting re-education classes. He is prepared for implementation of teaching and educational tasks of the school carried out at the stage of the early-school education.

A graduate in the field of "[Knowledge About Culture in Music and Fine Arts](#)" possesses basic qualifications for objectives of education from the field of fine arts and music and the knowledge about how to exploit these qualifications for, artistic and cognitive objectives of education.

A graduate of "[Pedagogy with Fine Arts](#)" has basic qualifications from the field of fine arts and knowledge about exploiting these qualifications for artistic, cognitive and educational purposes.

A graduate of "[Socio-behavioral Pedagogy with Pedagogic Therapy](#)" is professionally ready to work with children and teenagers with drawbacks in developmental care and upbringing process. He is ready to initiate and participate in the process of locating and diagnosing disorders and delivering appropriate pedagogic care, as well as organizing educational-therapeutic action.

A graduate of "[Socio-educational Pedagogy with Rehabilitation](#)" is trained to the work with the socially maladjusted children and teenagers. He is prepared for diagnosing and planning rehabilitation pedagogic influences.

A graduate in the field of "[Animator and the Manager of Culture](#)" is qualified pedagogically and acquainted with the issues associated with culture which authorizes him to take action associated with socio-cultural animation in popularization of local artistic environment and management of culture.

A graduate of "[Education for Safety](#)" has at his disposal detailed knowledge concerning the safety of an individual and society, essential in rendering help and saving human life in the face of a threat.

Studies of the second degree /MA level/

A graduate of the "[Early age Education](#)" is prepared for creating an educational offer which will let children get abilities from given field of knowledge, organising the work with the child as part of conducted classes, arousing cognitive interests of the child, of supporting development of children through the selection of methods, techniques of teaching and teaching centres, to examine and to judge achievements of children.

A graduate of "[School Education](#)" has practical skills for diagnosing and problem solving of children's and teenagers upbringing and counseling and pedagogic therapy. He has the essential knowledge to conduct pedagogical research.

A graduate of "[Pedagogy with Fine Arts](#)" possesses the knowledge and skills from the field of history of art, basic art techniques and applying them in the future career. He is prepared for work in various areas of education and work: in community centers, socio- upbringing institutions, galleries and museums.

A graduate of "[Public Prevention](#)" has adequate knowledge to diagnose and solve an educational problem, environmental threats and respective spheres of competence to planning preventive action, preventive implementations of programmes and their evaluation.

A graduate of "[Animator and culture management](#)" have knowledge about culture and the ability of making available to this knowledge other, sense of in issues of history and the theory of the art, ability of the perception and interpretation of artistic work from chosen fields of art (the fine arts, music, theatre, film, photograph, dance).

A graduate of "[Education for safety](#)" possesses skill to do research, notice threats, diagnose them and independent solve them and bring help to the victims.

INTERNATIONAL RELATIONS

First-cycle programme (Undergraduate program)
(3-year studies, obtained degree: bachelor's degree)

Specialities:

- Eastern-European countries
- international military relations

Admission requirements:

Secondary/High School exams in any two subjects from: geography, history, Polish language, foreign language, civic studies

Description of the field of study:

International relations students gain knowledge of economics, law, social and political sciences that helps them familiarize with and understand mechanisms of international relations and the global economy. They also learn to analyze domestic problems in the context of international situation, and master skills of communication, negotiation and persuasion. International relations graduates are prepared to work as analysts and specialists in state and self-government administration, in international and domestic organizations as well as institutions that cooperate with foreign countries, and in international companies.

Interdisciplinary education prepares students for work in institutions that are not directly connected with the field of international relations.

Graduates are prepared for the second-cycle programme.

CHEMISTRY

Faculty of Sciences offers undergraduate (first-cycle) and graduate (second-cycle) programmes in Chemistry. The Faculty adopted the European Credit Transfer System (ECTS), enabling students to continue their studies in other countries, e.g. according to the LLP/Erasmus programme.

Undergraduate (first-cycle studies, 180 ECTS)
(Full-time, 3-year studies, graduation degree: Bachelor of Science BSc)

Specialisations:

- Chemical analytics
- Chemistry of cosmetics and medicines
- Chemistry of new materials

Admission requirements

Two subjects among: biology, chemistry, physics and astronomy, informatics, foreign language, mathematics

Graduate (second-cycle studies, 120 ECTS)
(Full time, 2-year studies, graduation degree: Master of Science MSc)

Specializations:

- Organic and applied chemistry
- Physicochemical fundamentals of analytical methods

Programmes [description](#):

A graduate of Bachelor's (first-cycle) studies in Chemistry is expected to have good knowledge of basic branches of chemistry such as inorganic, organic, physical and analytical chemistry, has fundamental knowledge of mathematics and physics as well as appropriate knowledge of subjects related to the speciality (profile of studies) chosen.

A graduate in chemistry has career prospects in following industries: chemical, food, pharmaceutical, cosmetics, textile and agricultural.

A graduate with a BSc degree is also prepared to continue education with a two-year programme of Master's studies. There are 6 specialisations to choose from in the third semester.

A graduate of Master's (second-cycle) studies in Chemistry can be employed at management and independent positions both in governmental institutions and in private sectors dealing in chemical industry or allied industries (food industry, pharmaceuticals, cosmetics, textile etc...), in agriculture, small manufacturing units or even in education after having acquired the necessary teaching qualification in accordance with the prevailing law.

Graduates can also be employed in laboratories dealing in medical analytics, industrial analytics, in environmental protection and others.

Instilled habits of lifelong learning and professional improvement will prepare the graduate to take up research challenges as well as to continue the education to the PhD degree (third-cycle studies).

A graduate in [Physicochemical fundamentals of analytical methods](#) should have a deep knowledge in theoretical bases of chemistry as well as chemical, physicochemical and physical research methods in order to analyse the composition, properties and reactivity of simple and more complex chemical systems.

The course allows the graduate to broaden the knowledge already acquired as well as develop new skills in the field of chemical and physicochemical instrumental analysis. The given programme is meant to prepare the graduate to take up work in chemical laboratories in which instrumental research methods are applied. The graduates can be employed in industrial laboratories such as raw materials industry, ceramic glass industry, construction materials, pharmaceutical and chemical or in control laboratories such as sanitary-epidemiological station, water supply systems and environmental protection.

A graduate in [Organic and applied chemistry](#) is expected to possess a deep knowledge in the range of organic chemistry especially the methods of synthesis and analysis of organic compounds. The acquainted skills allow not only to elucidate the molecular structure of new organic compounds by means of the spectroscopic and crystallographic methods, but also to plan and carry out chemical syntheses of elementary group of chemical compounds. The graduate will be able to take advantage of use the chemistry software available at work place and of scientific database as well. The graduates are qualified to work in chemical industry and related ones (e.g. pharmaceutical company, cosmetic enterprise, paint and varnish industry, petrochemical products industry, polymer industry, food industry and agricultural industry).

PHYSICS

Bachelor's degree (3-year college, degree: BSc)

Specialties:

- econophysics
- information physics

Admission requirements:

two subjects: compulsory: mathematics,

to choose from: physics, astronomy, computer science, foreign language

COURSE DESCRIPTION:

Graduates may be employed, for instance:

- in the industry (servicing and monitoring devices, which require knowledge of physics)
- in research and development laboratories,
- in IT companies (graduates of information physics)
- in the financial sector, banks, insurance companies, etc. (graduates of econophysics)
- as specialists in handling modern equipment for measurement,
- as teachers of physics in schools and colleges (after having completed necessary teacher training courses).
- they can also continue study on the MSc level

Econophysics is one of the newest areas of science dealing with the study of phenomena occurring in economical systems and financial markets with tools and concepts, used by physicists. The graduate has extensive knowledge in the field of physics and financial mathematics and the ability to understand and precisely describe physical phenomena use of modern measurement instrumentation. They are prepared to work in the industry (eg, service and supervise devices whose operation requires basic knowledge of physics) and the financial sector (banks, insurance companies, etc.) and in education as a teacher of physics (after having completed necessary teacher training courses).

Information Physics specialization in addition to subjects connected to physics the specialty has mathematics and informatics. A graduate in this field has knowledge of classical and contemporary physics, modern electronics, knowledge of construction, operation and maintenance of modern measuring instruments. Graduates are prepared to take independent work in occupations related to physics. The study gives IT knowledge for job opportunities where the basic working tool is a computer. Having finished this course you are ready to take up studies at the MSc level I physics, mathematics or computer science.

In addition to subjects related to physics, this specialty includes financial arithmetic, econometrics, accounting and mathematical economics.

COMPUTER SCIENCE

Bachelor's degree
(3.5-year studies, degree: Engineer)

Specialties:

- Security of computer systems
- Programming and database systems
- Management information systems (MIS)
- Computer systems and networks

Admission requirements:

Secondary/ High school passes in any two subjects from mathematics, physics and astronomy, science, foreign language.

COURSE DESCRIPTION:

A graduate of this course will gain the knowledge and skills of general computer issues and technical knowledge along with skills in the field of information systems. You will be well acquainted with the principles of construction of modern computers and principle of software engineering in sufficient detail to enable effective work in teams dealing with software development. The course will give basic knowledge of artificial intelligence, computer graphics and human-computer interaction.

Graduates of [Security of computer systems](#) should be prepared to design and exploitate information systems using certain elements of cryptography, systems for cryptographic identification, analysis and assessment of the security components of distributed operating systems and security management and protection of local and wide area remote computer networks, companies, institutions or corporations.

Graduates of [Programming systems and databases](#) should be prepared for advanced programming systems database design and programming of distributed databases tailored to the specific requirements of conditions, using different techniques, technologies and tools, programming, designing and programming web applications selected. Graduates of programming systems and databases should be prepared for advanced programming of database systems, design and programming of distributed databases tailored to specific requirements, using different techniques, technologies and tools, programming, designing and programming of selected web applications.

A graduate of [MIS](#) should be ready to identify, analyze, assess, model and design different complex, computer systems to be implemented in business and administration using various techniques & technologies, methods and tools.

Graduates of [Computer systems and networks](#) should be prepared to design, develop, operate and administer distributed operating systems, the analyze and identify properties, conditions and functional requirements of advanced computer network design, implementation, operation and administration of computer networks.

Second grade studies Postgraduate

(1,5 year studies)

Specialties:

- Designing of the informatics systems and computer networks,
- Computer networks and distributed systems,
- Computers security systems engineering.

MATHEMATICS

1st level degree (3-year study, undergraduate degree):

Specializations:

- Financial and Actuarial Mathematics
- Mathematics in Finance and Economy

For those students who study one of the specializations mentioned above, there is an additional opportunity to get a profession of a mathematics teacher in primary schools.

Admission requirements:

Two of the following items: mathematics, physics and astronomy, computer science, a foreign language.

2nd level degree (2-year study, master's degree)

Specializations:

- Financial Mathematics
- Applied Mathematics

For those students who study one of the specializations mentioned above, there is an additional opportunity to get the profession of a mathematics teacher in primary and secondary schools.

Course Description:

A graduate of mathematics acquires a basic knowledge in the field of mathematics and its applications. He is enabled to present mathematical knowledge, conduct short proofs, present and formulate mathematical problems, do complex calculations, apply IT knowledge and mathematical models in order to solve different mathematical issues.

1st LEVEL DEGREE (Undergraduate) The 3-year period of study includes: an introduction to logic and set theory, differential and integral calculus, linear and abstract algebra, geometry and topology, probability and statistics, basics of financial and insurance mathematics, econometrics and computer studies.

A graduate of [Financial and Actuarial Mathematics](#), apart from basic mathematical knowledge, is able to apply stochastic methods, calculate financial

risk and insurance installments, calculate profits and losses, investigate mathematical models in view of their applications in financial industry, solve problems in the field of a financial market, banks and insurance companies. He is prepared to pass the exam for a stockbroker and an actuary.

A graduate of [Mathematics in Finance and Economy](#), apart from basic knowledge in mathematics and economy is enabled to investigate mathematical models in economy, apply accounting policies, make financial reports. He is prepared to work in financial and commercial companies, banks, stock markets, accounting offices.

2nd LEVEL DEGREE. POSTGRADUATE

The 2-year period of studies includes: calculus, complex and functional analysis, logic, algebra and number theory, topology, differential equations, stochastic processes, and computational mathematics, i.e. packages Mathematica and Statistica. Students are prepared to continue their studies to obtain doctorate degree.

A graduate of [Applied Mathematics](#) acquires the basic knowledge in theoretical and applied mathematics. He is able to conduct mathematical proofs, present and formulate mathematical problems, investigate mathematical models necessary in the field of applications, and apply IT knowledge. Graduates are prepared to work in commercial and financial companies, computing centers and statistical offices.

A graduate of [Financial Mathematics](#) acquires the basic knowledge in theoretical and applied mathematics in economy and finance. He is able to conduct mathematical proofs, present and formulate mathematical problems, investigate mathematical models and estimate, predict and simulate economical processes. The graduates can work in financial companies, banks, stock markets, insurance and commercial industry.

BIOLOGY

Undergraduate studies
(3 years B.Sc. studies)

Specialties:

- Biology with laboratory analytics
- Experimental biology with biotechnology
- Environmental biology with ecotourism
- Biology with physical culture

Admission requirements:

Secondary School final exams in two of the following: biology, chemistry, physics and astronomy, geography, mathematics, social science, foreign language

Graduate studies
(2 years M.Sc. studies)

Specialties:

- Biology with laboratory analytics
- Experimental biology with biotechnology
- Environmental biology with ecotourism
- Biology and environmental management

All students may additionally take up courses enabling them to teach Environmental Education in primary and junior high school / middle school, and Biology in secondary school.

General information

Studies in Biology provide training in basic and advanced laboratory techniques and enables careers in research, medical, veterinary, environment control and other laboratories. Students who earn M.Sc. are qualified for positions in academic or research institutions, in government environment and nature protection agencies, environmental consulting companies, public administration, industry, and tourism.

Courses:

- Basic: interpersonal communication, physics and biophysics, geography, information technology, chemistry, labor safety and ergonomics, physical education, foreign language, environmental education.
- Biological: biochemistry and basics of biotechnology, microbiology, immunology, molecular biology, genetics, botany, human anatomy, plant physiology, cell biology, animal physiology, biology of development, zoology, principles of evolution, ecology, environment protection, nature conservation.

Very attractive field courses are carried out in Białowieża National Park, Mazurian Lakeland, and other national parks of Poland.

- [Biology with laboratory analytics](#) provides training that qualifies for jobs in medical, analytical, environmental, industrial and other types of laboratories that use biological samples.

List of Specialty courses: hematology, biochemical analytics, toxicology, microbiological diagnostics, research methods of molecular biology, research techniques of environment protection.

- **Experimental biology with biotechnology** prepares the students for jobs in biotechnology and related industries, research, control and diagnostic laboratories, research using biological samples, use of advanced research equipment, and environmental research and monitoring.

List of Specialty courses: the use of in vitro in biotechnology, industrial microbiology, microbiological and biochemical diagnostics, the use of microorganisms in biotechnology, molecular techniques in experimental biology, biotechnology of biologically active compounds, principles of pharmacognosy, application of biology in medical sciences, field experiments in biology.

- **Environmental biology with ecotourism** provides training that qualifies for jobs in environment monitoring laboratories and other environment and nature protection institutions (national and landscape parks), and in local environment protection agencies.

Specialty courses: landscape management and urban planning, nature tourism, bioindication in environmental monitoring, legal and economic issues in environment protection.

- **Biology and environmental management** provides training in biological principles of natural environment functioning, and environmental management preparing students for positions in nature management.

List of Specialty courses: legal issues and policies in environment protection, technical issues in environment protection, evaluation of environmental effects of human activities, administrative procedures in environment protection, biological principles of NATURA 2000 project.

- **Biology with physical culture** provides knowledge of human body functions emphasizing importance of physical activity in development and wellness. Students who additionally take teaching and pedagogic courses are qualified for teaching Nature, Biology and Physical education in all degrees of schools. Students are also prepared for jobs in various institutions dealing with organization, management and propagation of sport and recreational activities.

BIOENGINEERING OF FOOD PRODUCTION

First grade studies Undergraduate
(3,5 years, obtained degree: engineer)

Specializations:

- Bioengineering of food production of plant origin
- Bioengineering of food production of animal origin

Admission requirements

Two subjects out of: biology, chemistry, physics and astronomy, geography, foreigner language, mathematics, social studies

Description of the field of the study:

The graduates gain cross-disciplinary knowledge in the field of production, processing and storage of raw materials and food products of plant origin as well as animal origin. They familiarize with the issue of technologies used in plant and animal production, with the methods of valuation of raw food materials of plant and animal origin, with their quality and health safety control systems, with the possibilities and systems of their storage and preservation. The graduates gain basic knowledge about processing of raw food materials in the agro-food industry and the skills how to organize production along with the suitable choice of machinery and equipment. They get to know the rules of food products market regulations, the issues connected with organization and economics of production, marketing, counseling and also the legal foundations of business. They gain knowledge about the role and importance of food in the modern world, the diversification of production systems and the problems of malnutrition and overproduction of food. The graduates gain the ability to communicate and work with people and groups of people as well as to manage team work in the environments related to agricultural production and food processing. They master the knowledge and skills necessary to establish and run companies dealing in production and processing of raw materials and food products. They are able to create and maintain computer databases and to control manufacturing process during production, storage and processing of raw materials and food products.

The graduates master the basic issues in the area of biological science, particularly in the field of molecular genetics, microbiology and biochemistry, and learn about the possibilities of use of bioengineering achievements in production and processing of food raw materials in modern agriculture, in merchandise knowledge of agricultural products of plant and animal origin. The training also covers the issues of economics of production, entrepreneurship, the food market system and marketing.

The graduates should have the ability to use specialized language in the field of bioengineering of food production.

The graduates are prepared to work in: businesses and agricultural farms specialized in food production and its initial processing, in food industry companies, entities involved in marketing and pre-processing of raw materials and food products, companies and institutions involved in the improvement of food production and manufacturing systems, in analytical and research

laboratories, companies involved in the standardization and certification of food, in the entities involved in food distribution, in the R & D centers, state and local units of government, in consulting and audit firms functioning in the food chain. The graduates are prepared to embark on the second grade Postgraduate courses.

The graduates of [Bioengineering of food production of plant origin](#) expand and streamline their professional skills in the use of engineering methods and techniques in the production and processing of food raw materials of plant origin.

The graduates of [Bioengineering of food production of animal origin](#) expand and streamline their professional skills in the use of engineering methods and techniques in the production and processing of food raw materials of animal origin.

PLANNING AND LAND MANAGEMENT

First grade studies, Undergraduate

(engineering 3,5 years, general profile, stationary and extramural, obtained degree: engineer)

Admission requirements:

Any Two subjects from the following: biology, chemistry, physics and astronomy, geography, foreigner language, mathematics, social studies

Description of the field of the study:

The graduates of subject planning and land management have interdisciplinary knowledge in the field of spatial organization of socio-economic development as well as environmental, economic, social and technical knowledge. The studies comprise of primary knowledge in the field of mathematics, statistics, economy, economic geography, urban planning graphics, sociology, history of urbanization, jurisprudence, engineering graphics, physics. They learn the basics of planning and land management, natural conditioning in spatial management, juridical conditioning of spatial management and natural environment protection, economics of municipalities and regions, spatial planning, planning of technical infrastructure, estate management.

The graduates are prepared to work in:

- design offices that work on spatial planning and doing studies of the background of spatial management,
- local and state government administration carrying out investment processes,
- development and consulting agencies with the coordination of local development processes as well as land use and real estate management.

The graduates know a foreign language on the B2 (upper intermediate) level of fluency.

The graduates are prepared to take up second grade studies. (Postgraduate)

AGRICULTURE

First grade studies, Undergraduate
(3,5 years, obtained degree: engineer)

Specializations:

- Agribusiness
- Agronomy with agritourism
- Natural environment protection
- Horticulture production
- Rural landscape architecture

Admission requirements:

Two subjects including: biology, chemistry, physics and astronomy, geography, foreigner language, mathematics, social studies

Second grade studies Postgraduate
(1,5 year, obtained degree: master)

Description of the field of the study:

The graduates are specialists in technology of agricultural production, have practical qualifications to independently run an agricultural farm according to the rules of sustainable development. They are prepared to take up a job in local and state administration connected with the agriculture, agricultural advisory agencies, companies involved in purchasing and trade of animal and crops production. They know specialized foreign language in the field of agriculture. They are prepared to take up Postgraduate studies. The courses cover basics of botany and genetics, chemistry and biochemistry, plants physiology and microbiology, economy, mathematical statistics as well as a group of specialized knowledge in the field of agroecology, agrometeorology and environment protection, pedology and agricultural chemistry, crops cultivation and seed multiplication, crops protection, crops production, animals production, agricultural technics and organization and economics of agriculture.

The graduates of [Agribusiness](#) have the skills to combine knowledge of agricultural production with professional preparation to make decisions related to the management of the company in the market economy, especially in the field of financial management and marketing.

The graduates of [Agronomy with agritourism](#) have the knowledge not only in the field of technology of agricultural production, but also in the field of primary rules deciding about the development of agriculture both in the aspect of productivity growth and also environmental hazard. They are also equipped with the knowledge of the agritourism and rural tourism. They are prepared to run an agricultural as well as agritourism farm what may be one of the alternative and profitable fields of agricultural activity.

The graduates of [Natural environment protection](#) have the knowledge of primary processes and problems crucial for the environment protection, with an approach of balanced development have the knowledge about the human influence on

environment and the consequent hazards. They have the background of assessment and valorization changes taking place in agricultural environment and are able to take actions aiming the improvement in the natural environment condition.

The graduates of [Horticulture production](#) have the primary knowledge in the field of horticulture and vegetable production, fruit and flower farming, mushroom production as well as in work organization on a farm or in a horticulture company. They are prepared to run own horticulture farm, to work in fruit and vegetable processing, to plant lawns and home gardens.

The students graduating from the [Rural landscape architecture](#) specialization have the skill of doing projects on landscape and rural areas shaping, recultivation and degraded land use and also shaping and designing of green areas. They will also be prepared to work in the units making and maintaining the objects of landscape architecture of rural areas, state and local government administration.

The graduates of [Agro-computer science](#) have the knowledge and skills in the field of running own individual business activity extended with the skills of using computer programs and technologies. They can run computer accountancy in the way of tax card, lump sum tax on registered incomes, tax book of incomes and expenditures. They also can efficiently acquire funds on starting and developing a business activity (business plan) and other. Moreover they gain knowledge of using software in the field of crops and animal production as well as GPS measurements. They are familiar with the procedures, algorithms and methods which support the process of making decisions. The graduates are able to design authorial logotype by means of Inscape and GIMP programs, as well as design an advertisement agro-brochure by means of Scribus. They master the rules of creating the visual transmission and the elements consisting it as well as combining esthetic and informatics functions in graphic. They have practical skills relative to functioning of the Internet Agricultural Exchange, they can analyse purchase and sell offers from all over the country, make reports and other. They are ready to use innovational solutions in agricultural production technology, to work in agro-consulting companies, in services for agriculture, in financial background of agriculture as well as in the institutions of the Internet Agricultural Exchange. The knowledge they gain can prepare the graduates to take the exam for the European Union exchange stockbroker.

TOURISM AND RECREATION

First-cycle programme, Undergraduate
(3-year studies leading to the bachelor's degree)

ACCESS REQUIREMENTS:

Upper-secondary school-leaving examination in any two of the following subjects: biology, chemistry, physics and astronomy, geography, foreign language, mathematics, civic studies.

DESCRIPTION OF THE FIELD OF STUDY:

The graduates demonstrate general knowledge in the area of natural, social, and economic sciences. They are prepared to organize work, undertake various activities and/or run their own business in the tourism and recreation sector. They are qualified to undertake employment at travel agencies, holiday, sports and recreation centres as well as spas, work on farms specializing in farm tourism, and/or at agricultural extension centres, national and local government agencies, social support agencies, as well as foundations and associations. The graduates know how to put together tour & holiday as well as sport & recreation packages for different target groups and establish professional contacts in the field of tourism and recreation.

The graduates can speak a foreign language at level B2 (upper- intermediate) of the Common European Framework of Reference for Languages (CEF) of the Council of Europe and use technical vocabulary necessary to successfully communicate within their professional field. They are qualified to apply for admission to second-cycle programmes. (Postgraduate)

The programme includes the following courses: foreign language, IT, economics, history of architecture and art, psychology, pedagogy of leisure time, human physiology, ecology, sightseeing, tourism and recreation law, basics of tourism and recreation, economics and management in tourism and recreation, marketing of tourist services, environment shaping and protection, tourist movement management, motor reaction and physical effort in tourism, management in tourism and recreation, nutrition, environmental characteristics of Poland's regions, parks and gardens in tourism and recreation.

The attraction of tourism and recreation field are practical placements in prestigious recreation & leisure centres both in Poland and abroad, e.g. in Greece (Chalcidice Peninsula, islands: Crete, Rhodes) and in other European countries (England, Germany, Switzerland, Spain). Moreover, students also visit places of environmental and cultural interest and participate in field trips as well as open-air recreation events.

Studying tourism and recreation also provides an opportunity to learn other skills such as, for example, skiing or snowboarding.

ZOOTECHNICS / ZOOLOGY

First grade studies Undergraduate
(3,5 years, obtained degree: engineer)

Specializations:

- Agro-consulting
- Hippology
- Animal husbandry
- Evaluation and the use of animal products

Admission requirements:

Two subjects out of: biology, chemistry, physics and astronomy, geography, foreigner language, mathematics, social studies

Second grade studies Postgraduate
(1,5 year, obtained degree: master)

Specializations:

- Agro-consulting
- Hippology
- Animal husbandry
- Evaluation and the use of animal products

Description of the field of the study:

The graduates gain thorough knowledge, skills and qualifications in the field of animal husbandry, evaluation of raw materials and products of animal origin, the rudiments of plant production, production scheduling and organization of work in an agricultural company, about human resources and farm management and the rudiments of law in business. They are prepared to work in: state and local government offices related to agriculture, agricultural advisory service, breeding supervision service and insemination service, companies involved in the trade of animals and raw materials and products of animal origin, is also prepared to run and manage a farm, to organize production processes and to choose optimal branches of agricultural production as well as to manage human resources.

The graduates gain in depth knowledge and skills in the following areas: basic science, the processes taking place in the natural environment, farming and animal husbandry, especially in genetics, selection of animals for breeding, biotechnics of animals propagation, animal feed science and nutrition, agricultural sciences, knowledge of market mechanisms and modern marketing, the expert use of information technology resources.

Graduating from [Agro-consulting](#) specialization gives a thorough interdisciplinary background in the area of agricultural consulting, food products market, and in marketing of livestock production. The specialist in agro-consulting gains the skills and competence in solving substantive, organizational and marketing problems, related to the production and trade of agricultural products in domestic and global market.

Graduating from [Hippology](#) gives comprehensive background of horse exploitation. Some practical lessons are carried out/conducted at the University Equestrian Centre and some private equestrian centres located close to the University. The specialist in hippology gains skills in equestrian disciplines, innovative forms and methods of horse exploitation as well as their upkeep and maintenance.

The specialization [Animals husbandry](#) gives a thorough background in the field of livestock husbandry, in the field of fodder production and the rules of animals nutrition. The graduates have the ability to estimate the breeding value of livestock in relation to the quality of raw materials of animal origin production as well as fodder production. They have the skills of controlling the manufacturing process using latest methods of animal husbandry. These courses give an opportunity to gain skills and competence in the technology of animal husbandry taking into consideration economic, social and ecological aspects of producing and the use of products of animal origin.

The graduates from [Evaluation and the use of animal products](#) specialization get the broad background in livestock marketing and trading, they know the rules of use, standardization and evaluation of raw animal material as well as its storage and processing technology. They have knowledge of the nutritional value of products of animal origin and the basis of their manufacturing. They also have knowledge of the technical equipment in the institutions involved in acquisition and processing of raw animal material.

The graduates from the [second grade studies](#) (Postgraduate) gain advanced and well-grounded knowledge and professional skills in planning and organization of animal husbandry and use of breeding, nutrition and prevention programs in population of different species of animals. Furthermore, the graduates gain skills and competence to carry out research experiments, as well as the skills of creative acting and making decisions.

The graduates are prepared to do managerial work in business and on specialized farms, in producer groups, companies involved in marketing of agricultural products and agricultural input supply, breeding supervision and insemination services, consulting firms, fodder companies, scientific institutes, research centres and specialized laboratories. They are also prepared for lifelong learning and professional development as well as for being engaged in working in units of state and local government and for doing the teaching job. They are prepared to take up courses at the third degree studies (PhD studies).

NUTRITION

Ist degree studies
(duration 3 years, Bachelor)

Specialties:

- Catering in dietetics
- Nutrition counseling

Admission requirements:

two subjects of: biology, chemistry, physics and astronomy, informatics, foreign language, mathematics

Description:

You will be highly skilled in the principles and practices of dietetics in domain:

- principles of human feeding
- planning and compositing of food for specific diets in accordance with current classification
- planning of rational feeding for different populations
- prevention of feeding-depend diseases (obesity, malnutrition)
- organization of individual, group and therapeutic feeding according to age and health of patients
- pharmacotherapy and food interactions
- assessment of nutritional value and health quality of feed
- control of feed products quality, production and storage according to Hazard Analysis and Critical Control Points system
- feeding education

Possibilities of employment:

- public and non-public health service
- dietetic clinic and health promotion centre
- group feeding institutions
- companies providing catering services
- consumer organizations
- sports and fitness centers (in dependency on additional extra qualifications)
- education (with special teachers' background according to educational standards)

Moreover you will be ready for:

- cooperation with producers of special nutritional and pharmacotherapy products
- cooperation with medical doctors in domain of diet therapy

Speciality:

- Catering in dietetics

graduate will be ready to provide catering services in hospitals and group feeding institutions and to working in food control laboratories

- Nutrition counseling

graduate will be ready to provide consultations in domain of human feeding and diet therapy in different health disorders

Meat Processing and Production Manager

(3,5 years, obtained degree: engineer)

An innovative course of study which aims to provide students with practical training alongside in close cooperation with the business sector, i.e. *Sokolów S.A. Group*. Students will have a chance to be trained in *Sokolów S.A* - animal fattening farms, sector of acquisition of fattened animal products, product processing and distribution sector, logistics sector and process management and financial sector.

Preparing a BA thesis will be also conducted in close collaboration with the Company.

A graduate will have a chance to enrich their interdisciplinary knowledge, especially of agricultural and economic sciences. They will become familiar with the technology used in slaughter animals production, storage, the meat usage, methods of meat evaluation, meat processing and preservation methods, as well as the systems of meat and poultry control. A graduate will learn basic elements of natural sciences e.g. microbiology and meat biochemistry, and additionally, they will be able to apply achievements of these sciences in processing and production of meat. Moreover, a student will acquire knowledge and practical skills necessary for farm production, getting meat and meat processing, the usage of side meat products as well as the selection of machinery and equipment in a meat company. In addition, a graduate's knowledge will focus on the role and importance of meat in human nutrition and consumption. What is more, a student will get to know the principles of the meat market functioning, elements of the organization and economics of production, marketing, and basic law principles in economic activities. Having completed the studies, students will be able to work and communicate in a group and also manage teams of people. A graduate will gain skills necessary for setting and running a company in the raw meat and meat products sector. New competences will also concern creating and using computer data and IT skills in technological processes control at the stage of production, processing and storage of meat and other meat products.

After successful completion of the studies, a student will be well - prepared to work in the meat industry, homestead farms and other units connected with the raw meat market both in Poland and abroad.

A graduate will be ready to start the second - cycle studies.

Sokolów S.A. offers our students:

An opportunity to carry out a placement in the Company and abroad (Denmark, Finland, Sweden, Germany and the United Kingdom)

A scholarship for the best students of the University

Employment in *Sokolów S.A Group* for the best graduates

ADMINISTRATION

BA Studies

(3 years, title obtained: Bachelor of Arts)

Specialities:

- Local government
- Business administration

Admission requirements:

Any two subjects from geography, history, foreign language, science, social studies, mathematics

MA studies

(2 years, title obtained: Master of Arts)

Specialities:

- Business administration
- European governance
- Administration of security and public order

Description:

BA studies

A graduate of the course in administration is prepared to work at middle management levels of government and private institutions. He/she will acquire general and specialist knowledge of law and administration, enriched with the necessary social and economic knowledge and skills to use it in their work. It is designed to facilitate self-improvement and complement the knowledge and skills acquired in the context of progressing the integration process in Europe. Graduates will be able to solve professional problems, and have the ability to communicate at work, enable the efficient use of available resources and information technology in the office, actively participate in group work and organize and manage small teams. He/she will be able to independently undertake and conduct business, demonstrating knowledge of law and the ability to apply it in practice. In addition, to foreign language skills students have subjects of general and humanities profile.

The core training consists of:

- core subjects - in administration, law, management and economics, as defined in the standards of education for the direction of administration;
- Profile / specialty subjects - Subjects related to administration, such as civil, labour, criminal law, European law, the system of local government, sociology, government, and the environment (total 10 subjects). There is a second set of subjects connected to the specialty chosen by the student along with seminars and practical classes. Classes within specialties are separate blocks of study, carried out over three semesters. In addition, the student is required to pass four optional subjects chosen from a suggested list of subjects.

Specialty items include local government focused on issues related to the functioning of the local administration. They mainly refer to the financing of local governments, regional, municipal, local law, administrative ethics, and the working methods of administration. The specializations are provided for local workshops carried out in close cooperation with experienced practitioners.

'Business administration' focuses on wider issues in the functioning of the administration of the economy. This includes items related to business law, taxes, banking, industrial law, the protection of business transactions, and the control and supervision of economic activity.

MA studies

The aim of the course is to prepare well educated specialists in administration and public management, who could take up posts mainly in public administration (central and local), public and private companies, institutions, advisory bodies, non-governmental organizations cooperating with public authorities, institutions of the European Union etc. Graduates are prepared to work in higher management level positions in public administration.

Specialization in [Business administration](#) is focused on wider issues in the functioning of the administration of the economy. Graduates will be equipped with the knowledge and skills in the field of company law, tax law and regulation and self-regulation mechanisms of the operators. The speciality European administration will facilitate the study of issues related to the functioning of the European Union and its structures, and will allow analysis of changes in the functioning of the national administrations occurring as a result of membership in the European Union. Graduates will gain knowledge and skills of [European governance](#) obtained in the analysis and interpretation of Community law, of decision-making in the European Union and skills in the application of European standards of administration.

"[Administration of security and public order](#)" allows the acquisition of knowledge of the issues of forensic science and criminology, and the management of classified information and personal data. Graduates learn about the legalities of national security and public order, of coercive measures, both direct and indirect, to conduct criminal investigations, as well as cases of misconduct. This knowledge may be useful in professions police, border guards, customs personnel, etc.

MANAGEMENT

BA Studies

(3 years, title obtained: Bachelor of Arts)

Specializations:

- Finance and accounting management
- Small and medium business management
- International Business

Requirements:

Any two of the following subjects: geography, history, foreign language, mathematics, knowledge of society

MA studies

(2 years, title obtained: Master of Arts)

Specializations:

- Finance and accounting management
- Small and medium business management
- Logistics management
- Management in tourism

Description:

BA studies

This course prepares graduates to work in commerce, industry, services, and all kinds of consulting agencies, economic organisations and employers' organisations on the medium and higher levels of management. Graduates will have a theoretical and practical knowledge of management and related sciences concerning the operability and problems of enterprises and public institutions. In addition, they will have the ability to recognize, diagnose, and troubleshoot the management of human resources, financial and factual information. This course prepares students to work in professional organizations and management, to assume leadership positions in organizations and work on their own initiative.

The financial management and accounting specialization allows students to gain skills in finance and accounting, and prepares them to work in management positions in banks, investment funds, insurance companies and consulting firms. There are eleven compulsory subjects, relating to corporate accounting, corporate finance and management of investment projects, business law and taxation, markets and financial instruments, the capital market and stock exchange, banking and insurance, and international economic relations. In addition, this profile allows the student to develop specific financial management skills by participating in workshops and learning a foreign language in the context of business.

The management of small and medium-sized enterprises specialization prepares the graduate for work in small and medium-sized firms. The acquired knowledge and skills will foster professional attitudes and abilities, and enable the graduate to thrive in the environment of a small or medium-sized company.

MA studies

Skills acquired:

- theoretical and practical knowledge of management science and related sciences;
- critical analysis, interpretation and evaluation of phenomena and processes in management on different scales, assessment of the impact of the environment on these phenomena, as well as preparation and management of decision-making, especially strategic decisions;
- teamwork and management abilities, and skills in effective communication and negotiation skills.

The “[financial management and accounting](#)” educates students in the field of economics and management. It prepares graduates to work in management positions in financial institutions such as banks, and to run their own businesses. There are seven compulsory subjects relating to corporate accounting, analysis and business valuation, business value management, controlling, international financial management, business insurance and investment portfolio management.

The “[management of small and medium-sized enterprises](#)” includes modules enabling students to acquire knowledge and specific skills in the scope of the powers of management, auditing of personnel management systems in the enterprise, advertising, promotion, analysis of trade and financial markets, employment law, public aid for small and medium-sized enterprises, and the use of European Union structural funds and the financing of projects by the European Union.

The “[management in tourism](#)” prepares graduates to work in enterprises and to run their own businesses. There are seven compulsory subjects which give students the opportunity to gain knowledge in the fields of global markets, rural tourism, economics and law, business organization, quality management in tourist services, and the management of tourism service units.

The “[logistics management](#)” includes subjects enabling students to acquire knowledge and specific skills in the fields of cost accountancy, logistics management, marketing logistics services, insurance logistics, international logistics, project management in logistics, and modern logistics management concepts.

LOGISTICS

BA Studies

(3 years, title obtained: Bachelor of Arts)

Specializations:

- Management of logistics processes
- Logistics in firms

Admission requirements:

Any two of the following subjects: geography, history, computer science, foreign language, mathematics, knowledge of society.

Description:

Graduates from this course will have acquired knowledge of the functioning of modern logistic systems, the foundations of Economics, organization and management, and managerial skills. They will be ready to work in manufacturing units, logistics, design and advisory units dealing with logistics, and economic and administrative units requiring knowledge of logistics, economics and information technology, and organizational skills.

The “[Management of logistics process](#)” includes fourteen compulsory subjects enabling students to acquire knowledge and specific skills in the fields of transport and forwarding management, distribution channels, network inventory management, customer relationship management, transport infrastructure, logistics centres, logistic systems, packaging, logistics services, management systems in logistics, inventory management and material flow and transport and customs law. In addition, training of specific abilities takes place in logistics workshops (training and decision-making games) and training with foreign language specialists.

The “[Logistics in firms](#)” includes fourteen compulsory subjects in the fields of economic analysis of logistics processes, risk management and logistics in the crisis, market and competition analysis, logistics management, marketing logistics, logistics in business management, management accounting, sales management and customer service, e-logistics, recycling and disposal logistics, company finance and business law. In addition, this specialization allows the student to develop specific skills through participation in business logistics management workshops (training and decision-making games) and training with foreign language specialists.