



International Academy of Applied Sciences in Lomza

Former Higher School of of Agribusiness in Łomża

Guide for applicants





Founded in 1996, the University has educated thousands of students who are excelling in both the regional, Polish and European labour markets. The most authoritative assessment of our activities is the ELA ranking, commissioned by the Ministry of Science and Higher Education (now the Ministry of Education and Science). Our graduates top the regional and national rankings both in terms of learning and the time in which they find work, after graduation. This is mainly because we are responsive to the needs of employers on an ongoing basis and the programme of study is geared towards the acquisition of practical skills. By graduating from MANS, you have a real chance of finding employment to build a stable future.

Come and join the best!

EXCEPTIONAL ACADEMY



**Rich system
scholarship**



**International
travel
Erasmus+ programme**



**Directional
research
circles**



**Knowledge
based
on practice**



**Long-standing
traditions**



**Academic
Career Services**



**Available
sports complex**



**Integration,
parties,
trips**

How do you become a student? Here are some simple steps:

1

Go to
www.mans.edu.pl
and find the tab
"recruitment"

2

Register with the
Electronic
Recruitment
System by entering
your e-mail address
and password.

3

Check the
registration
confirmation sent to
the email address
you provided during
registration.

4

Remember your
password. You will
use it every time
you log in to the
system.

5

Don't forget to
log in and enter
your details

6

Once logged in, be sure
to complete the
following tabs:

- My directions
- My data
- My education
- My Documents (add
scans of documents
here)

7

Make payments:
recruitment;
entry fee;
for a card.
You will find your
individual account
number under "My
finances"

8

Deliver by post or in
person the signed
personal
questionnaire and the
required documents
(you will find them
under "My
Documents")

*Further details and instructions at: <https://mans.edu.pl/rekrutacja>

Education directions:

- Construction I degree
- Logistics I degree
- Nursing I and II degree
- Agriculture I and II degree
- Internal security I and II degree
- Commodity science I degree
- Economics I degree **in organisation*

CONSTRUCTION

I degree

Duration: 7 semesters; degree awarded: engineer ; mode: full-time and part-time

Specialities:

- General

The graduate possesses knowledge in the following areas: construction of residential, municipal, industrial and communication structures; design of basic buildings and construction elements; construction technology and organisation; management of construction teams and company; manufacturing, selection and application of construction materials and computer techniques and modern technologies in engineering practice. The engineer, a graduate of the construction engineering degree programme, is prepared to independently perform tasks in the implementation of construction facilities, i.e. buildings with installations and technical equipment, engineering structures and small architectural objects, as well as the design of simple building structures with the support of computer techniques; supervision of construction workmanship and continuous self-education and professional development. After several years of professional practice, graduates have the opportunity to obtain a construction licence to design and direct construction works, and can then apply for the title of construction expert. Graduates are prepared to work in: construction companies; construction supervision; concrete and building element factories; the building materials industry and state and local government administration units related to construction and architecture. The graduate is prepared to undertake second degree studies.



First degree graduates acquire knowledge and practical skills that enable them to undertake work in, among others: executive companies, design studios, construction supervision, concrete and building element factories, the building materials industry, state and local government administration units related to construction and architecture. He/she has the basis for creative work in the following fields: design, workmanship, renovation of buildings and engineering structures, and supervision and management of construction processes using modern computer techniques. The graduate also acquires the professional skills necessary in today's labour market.

LOGISTICS

I degree

Duration: 7 semesters; degree awarded: engineer; mode: full-time and part-time

Specialities:

- Supply chain management

The graduate will be prepared for managerial and executive positions involved in the design, planning, execution, control and monitoring of the supply chain involving the flow of information, products and services. He/she will be ready to integrally manage the logistics flow sequences, processing and handling activities from suppliers to final customers necessary to produce a product/service in an efficient and effective manner.

• Transport logistics

Transport logistics is a complex process consisting of a number of key activities such as goods movement, transport planning and infrastructure management. Graduates are familiar with the principles of sustainable transport, know how to apply techniques to monitor means of transport, know the principles of information management in transport, know how to organise, plan and control forwarding, transport processes, and how to optimise transport costs and keep records of forwarding processes.

• Business logistics

Business logistics support is an intensely growing part of the market in terms of job growth and revenue growth rates. Logistics support is needed everywhere - from the provision of materials for production and products on the shelves in the shop, to syringes in the hospital, equipment for road construction and the handling of mass events or humanitarian aid.



The dynamic development of the TSL (transport-freight forwarding-logistics) sector is inextricably linked to the need for specialists prepared to carry out planning, purchasing, production, distribution, storage or transport processes. These are the areas that logistics deals with, guaranteeing an efficient flow of information, goods, materials and money, allowing for a competitive advantage.

NURSING

I and II degree

I-duration: 7 semesters; degree awarded: bachelor of nursing mode: full-time and part-time

II-Duration: 4 semesters; degree awarded: master of nursing; mode: full-time and part-time

Specialities: general

Grade I

The degree programme provides graduates with general knowledge in the medical sciences and specific knowledge in nursing. Graduates gain the skills to: use current knowledge to ensure safety and a high level of care; provide services to promote, maintain health and prevent disease; provide holistic and individual care for the sick, disabled and dying; communicate with the environment in the workplace; organise their own work; establish cooperation in health care teams and initiate and support community health activities.

Grade II

The Master of Science in Nursing degree shall be awarded to a graduate of a second degree programme in nursing who: has specialised knowledge of nursing and other medical sciences. In terms of skills, he/she is able to solve professional problems, especially those related to decision-making in difficult situations, resulting from the specificity of professional tasks and conditions of their implementation. He/she is able to define standards of professional care at any age and condition of the patient and implement them in professional practice. Is able to conduct research in his/her area of specialisation and disseminate the results in order to develop the profession, knowledge and nursing practice, improve the quality of services and exchange information. Is able to organise and supervise nursing care, taking into account accepted theories, concepts of care, organise the work of subordinates and own work in accordance with current legislation, safeguarding the interests of patients, employees and the organisation.



The degree programme is aimed at those interested in becoming a nurse practitioner. The educational process ensures that the student acquires directional knowledge and practical skills and competences necessary for a future professional performing nursing tasks. The graduate of nursing studies is prepared to independently perform tasks in various nursing positions, related, for example, to the provision of health services, management of health care and quality of medical services, health promotion and health education, development of nursing practice, conducting scientific research in health care.

NURSING

I degree bridging studies

Duration: 2 or 3 semesters; degree awarded: bachelor's degree mode: part-time

The bridging bachelor's degree programmes are aimed at those with a nursing background. They provide an opportunity for nurses to improve their qualifications at every stage of their professional practice. They are a proposal to complement the competences of graduate nurses and enable them to acquire higher education.

Track A - 2 semester study or 1150 hours - for graduates of five-year medical high schools,

Track B - 3 semester studies or 2410 hours - for graduates of two-year post-secondary or post-secondary schools,

Track C - 2 semester or 1984 hours study - for graduates of two-and-a-half-year post-secondary or post-secondary schools.



The post-secondary studies in Nursing are aimed at people already working as nurses or nurse practitioners, but with only a secondary education. The bridging studies provide an opportunity for nurses to upgrade their qualifications at any stage of their professional practice. They are a proposal to complement the competences of qualified nurses and allow this group to obtain a bachelor's degree in nursing.

AGRICULTURE

I degree

Duration: 7 semesters; degree awarded: engineer; mode: full-time and part-time

Specialities:

- Agribusiness

Graduates of this specialisation are prepared to implement changes in Polish agriculture. They have a thorough knowledge of agribusiness, economic policy and quality management, as well as marketing management skills. They are prepared to work in agribusiness enterprises, state and local government administration and financial institutions, also in managerial positions.

- Agricultural advice

The graduate has a broad technological knowledge of plant and animal production and the economics and organisation of agribusiness enterprises. He/she knows methods and techniques of advisory work. He/she is able to establish direct contact with farmers, provide assistance in determining the individual direction of farm development and in obtaining external sources of financing. He/she is competent to run his/her own business and work in enterprises.

- Protection of the rural environment

Graduates of this specialisation have knowledge of the impact of agriculture on the environment and of the circulation of elements in nature, nutrient management in different agricultural systems, the marketing, packaging and use of plant protection products as well as the ability to shape the rural landscape. He/she is prepared to work in institutions related to agriculture and environmental protection, also in managerial positions.

- Modern technology in dairy cattle management

The specialisation is recommended for students engaged or planning to work in milk production in the future. Graduates will be familiar with modern methods of milk collection and assessment, current technologies and modernisations in cattle housing, feed production technology. One of the elements in the specialisation are domestic and foreign internships on dairy farms.

- Renewable energy sources with waste management

The specialisation will prepare graduates for the independent and creative use of non-conventional energy sources and the management of waste found in and around agriculture. They can be employed in energy, waste management or biomass producing companies in and around agriculture.



The graduate is a specialist in agricultural production technology, in particular plant production technology, and has practical preparation for the independent running of a farm in accordance with the principles of sustainable development. He/she has basic biological-chemical and ecological knowledge, knowledge of economics, organisation and management of production and functioning of agricultural infrastructure. He/she is prepared to run a farm and to take up employment in agricultural administration, services and consultancy.

AGRICULTURE

II degree

Duration: 3 semesters; degree awarded: Master of Engineering; mode: full-time and part-time

Specialities:

- Agricultural economics

Graduates in agricultural economics have knowledge of research methods in the economic sciences, particularly management, finance and accounting. The studies equip students with skills and competences enabling them to carry out economic analyses and draw appropriate conclusions. The graduate is prepared to work in agribusiness enterprises, state and local government administration.

- Agricultural advice

The graduate has a thorough knowledge of the functioning of agriculture and rural areas in a market economy. He/she is able to communicate advisory knowledge in an understandable way. Such preparation allows for highly specialised, independent and objective technological advice. The graduate is also equipped with skills in raising funds for rural and agricultural development, acquiring market information and financial and accounting advice. He/she has the preparation to run his/her own business.

- Quality management in agribusiness

The course provides comprehensive preparation for work as a quality management specialist and middle manager in the broadly defined agricultural sector, as well as in the agri-food industry, in trade, in advisory and consulting institutions and in economic, self-governmental and administrative organisations, as well as for running your own business.

- Renewable energy sources

The graduate has a thorough knowledge of renewable energy technologies and their use. He/she is able to estimate the energy needs of facilities and local government units, make a comparative analysis of the costs of traditional and renewable energy and the environmental impact of individual energy carriers. He/she has the skills to prepare an energy audit, plan the investment process, develop a business plan. He/she is prepared to take up managerial and specialist positions in renewable energy in administration, construction, heating, in the banking and financial sector (as an advisor), in companies related to the energy industry and to start his/her own business.

- Agrotechnics and precision agriculture

The graduate will have knowledge of agrotechnics and precision agriculture. The graduate is prepared to keep up with the dynamic development of information and communication technologies (ICT), their implementation in agriculture and at the same time will acquire practical skills to independently develop and solve problems arising from the use of these technologies. The graduate is a specialist in the application of modern solutions in agriculture, agrotechnic devices and systems, precision agriculture, agriculture 4.0.



Graduates have the skills to perform and develop the results of research experiments, as well as demonstrating creative initiative and decision-making. He/she has in-depth knowledge in a given specialisation, as well as knowledge of ecological problems resulting from the development of rural areas and functioning of agricultural infrastructure. He/she has the skills to methodically conduct agricultural research and process data using modern information technology. The graduate is prepared to work in specialised farms, scientific and research institutes, research and development centres and advisory units.

INTERNAL SECURITY

I degree

Duration: 6 semesters; degree awarded: bachelor's degree; mode: full-time and part-time

Specialities:

- Public safety

The specialisation is aimed at people who, after graduation, would like to start working in institutions and services related to safety and security. The knowledge and experience gained within this specialisation will facilitate the graduates' employment in uniformed services and may be an important asset in the recruitment process for formations and services responsible for the security of the state and citizens. During the course of study, the student can obtain a number of valuable certificates and entitlements.

• Criminology and forensic science

The major in Criminology and Criminalistics is designed for those who associate their future with public safety and order and crime prevention. The specialisation provides multi-level learning in all fields that are relevant to crime prevention and working on solving criminal problems. The student will gain knowledge of investigative techniques, how to examine a crime scene, but also elements of psychology, logic and much more. He or she will also learn about ways to combat and prevent crime and methods of rehabilitation in society. Thanks to classes with outstanding practitioners with extensive experience, they will be able to see the practical possibilities of applying the knowledge they have acquired.

- Cyber-terrorism and information security

This specialisation offers the opportunity to be employed as a network administrator or as an agent in public administration (PKOC). They will acquire competences in information security policy and will be able to navigate the different areas of data protection activities in the system - logic, technology and cryptography. They will learn about typical cyber threats and how to secure ICT resources. They will acquire knowledge in the field of information protection and security, protection of classified information, principles of public information, ICT security as well as the security of information and IT networks. They will learn about institutions and organisations that have an impact on network security, information and IT aspects of crisis management, methods of acquiring information about threats, as well as problems of information protection in organisations and institutions and the information security policy of the Republic of Poland.



The graduates of the internal security studies will possess comprehensive skills and competences in lawful recognition, combating and counteracting internal threats. They will have basic knowledge in the field of social sciences, human rights and principles of functioning of the state (system, division of power, structure, tasks and principles of functioning of state bodies). The graduates are prepared to work in public administration, focusing on organisational units of state and local government services responsible for internal security (the Police, Internal Security Agency, Border Guard, Government Protection Bureau, Municipal Guards). He/she can also take up employment in organisations dealing with citizens' security and business entities and crisis response teams. He/she has the skills to establish a business in the field of protection of persons and property or in other activities for security needs.

INTERNAL SECURITY

Grade II

Duration: 4 semesters; degree awarded: master's degree ; mode: full-time and part-time

Specialities:

- Public services

This specialisation is designed to prepare candidates expressing interest in serving in the Police, National Fire Service, Border Guard, Customs Service, Prison Service, Municipal and Communal Guards, or working in local institutions and crisis management bodies, as well as business entities providing security and property protection services.

and Municipal Guards, or working in local institutions and crisis management bodies, as well as business entities providing services of protection of persons and property, detective services, or special trading, including in military structures. In the soft services sector, it is worth distinguishing between risk management and multidirectional handling of goods traffic in the border area.

Graduates will have a broad knowledge of the legislation governing the various services. As part of the specialisation, future candidates for work in the state services will also be prepared in self-defence and intervention techniques, as well as weapons handling and professional courses.

- Criminology and forensic science

The specialisation in criminology and forensic science offered in the master's degree programme in the field of internal security provides an opportunity to deepen and polish the knowledge, skills and competences acquired in the course of the bachelor's degree. After completing education in second degree studies, the graduate will receive practical preparation for work in the socio-political sector, police services, investigation and special services. He/she will know how to carry out operational and exploratory as well as investigative activities. They will learn to apply in practice the knowledge of criminology and forensic science, they will learn the principles of cooperation with services of the European Union countries in the field of preventing and combating crime. They will know how to identify criminal behaviour and how to negotiate.



Graduates of the second degree in internal security are prepared for work in public administration with a focus on organisational units of state and local government services responsible for internal security (the Police, the Army, the Border Guard, the Penitentiary Service, the Government Protection Bureau, the Internal Security Agency, municipal guards, etc.). They can also take up employment in organisations dealing with citizens' security (e.g. security agencies, detective agencies) and business entities and crisis response teams (e.g. local government departments of crisis management or civil defence).

COMMODITY SCIENCE

I degree

Duration: 7 semesters; degree awarded: engineer; mode: full-time and part-time

Specialities:

- Commodities of agricultural and food products

The profile is oriented towards the comprehensive preparation of quality managers for agri-food products. Graduates of this specialisation become specialists, finding employment as commodity scientists or managers in food companies, in commodity and customs control departments, in establishments dealing with the design, protection and control of quality, the development of standards and the attestation of products

- Economics and organisation of logistics in commodity science

The profile is geared towards preparing graduates in the field of economics, i.e. in terms of studying the behaviour of actors in the sphere of production, distribution and exchange, and consumption of goods. The specialisation also prepares specialists in the field of logistics organisation. Logistics activities may include: customer service, demand forecasting, information flow, inventory control, order processing, procurement processes, waste management, transport and many other factors in the agri-food industry.

- Dairy commodity and milk processing

The programme addresses issues related to the assessment of the physico-chemical properties of milk, its hygienic quality and the directions of its processing. It includes the assessment of the quality of manufactured dairy products in terms of compliance with current legal regulations. Graduates have knowledge of the legal regulations of dairy processing, technological processes used in processing, commodity evaluation of food milk, dairy products, auxiliary products and technological factors affecting their quality, milk quality assessment and its suitability for processing, and much more.

- Quality management in the company

Quality management in production and services, particularly in the agri-food industry. As part of the specialisation, students will gain knowledge in the field of organisational management, taking into account the pro-quality perspective, the role of team members in improving the quality of products and services, the costs of quality management. Graduates of the specialisation will find employment as internal and external quality system auditors or as members of teams for the development and implementation of quality systems, or as quality plenipotentiaries. The studies allow for gaining competences in designing, implementing, auditing quality management systems and evaluating services and products using specialised IT programmes. The curriculum includes classes on quality control systems in production processes, materials testing methods and techniques, and machine maintenance engineering.



The study of commodity science prepares specialists in the fields of: commodity science and quality management, apparatus and engineering of production processes, as well as human resources management in industry and small and medium-sized enterprises. Specialists with the ability to evaluate the selection of engineering materials and technologies for various applications and to assess the properties of products.

ECONOMY * *in the organisation*

I degree

Duration: 6 semesters; degree awarded: bachelor's degree ; mode: full-time and part-time

Specialities:

Accounting and finance in business entities

Upon completion of the Bachelor's degree programme, graduates will have knowledge of the organisation, functioning and financing of business entities of various organisational and legal forms. The scope of his/her knowledge includes: knowledge of the organization and keeping of accounts in business entities and entities of the public finance sector, recording of business operations, identification, valuation and settlement of costs and presentation of the results of business entities in financial statements. Graduates of this specialisation are familiar with issues of financial law, corporate finance, including the principles of shaping financial policies and sources of financing their activities. The skills acquired by graduates enable them to independently interpret the information contained in an entity's financial statements - these skills are particularly useful in developing its business strategy. Alumni are also able to identify business risks, including credit risks, monitor and mitigate them. Alumni of first degree studies with a specialisation in accounting and finance in business entities are prepared to work in the finance and accounting departments of various entities running businesses, in consulting services, banks and public finance sector entities.

Property valuation and marketing

The knowledge gained in the educational process will prepare the graduate to undertake professional practice in order to obtain a licence in real estate estimation. The graduate has a comprehensive and broadened knowledge of law and the real estate market and real estate resources, methods of research and evaluation of phenomena occurring in various segments of the real estate market. In addition, they have the ability to evaluate and apply analytical methods to the study of processes relating to the real estate market and real estate resources owned by the State Treasury, local government units, other legal entities and natural persons. The graduate has the ability to evaluate and forecast processes on a micro and macroeconomic scale and to provide advisory services in the field of real estate management, real estate appraisal and decision-making in the acquisition or sale of real estate.



The education on the Economics Course is designed to provide the student with general knowledge in the social sciences. Alumni are prepared to undertake work as analysts, financial advisors, economic project management advisors, specialists in accounting, trade and services, tourism, company logistics, international economic relations, real estate brokerage and management, among others. He/she is able to apply modern computational methods and acquire and analyse information needed for operational decision-making. They combine the ability to identify and analyse economic phenomena with the knowledge to develop methods and techniques to use them in business activities. Graduates are prepared to undertake second-level studies.

WELCOME TO POSTGRADUATE STUDIES

- **Agrotronics and precision agriculture**
- **Beekeeping with processing of bee products**
- **Renewable energy resources and sources**
- **Personal data protection and information security**
- **Care and educational pedagogy**
- **Agriculture**

and much more!

Full range of postgraduate studies, courses and training on the website :
www.masn.edu.pl under: postgraduate studies.



Material assistance **study for free*

Students who have a difficult financial situation have the possibility of receiving material assistance.

/Social grant/ * applies to persons meeting the per capita income threshold criteria for receiving material assistance benefits, which as of 1 January 2023 is **PLN 1294.4 net per month per person in the in a family**. Also applies to persons who meet the conditions set out in Articles 86-97 of the Act of 20 July 2018. Law on Higher Education and Science (Journal of Laws 2018, item 1668, as amended). Last academic year, the amount of the social grant - awarded to Students - was as high as **PLN 1,700 per month**. The amount of the scholarship each year enables students to cover tuition fees, accommodation and more.

The student may also apply for:

- **Scholarship for people with disabilities**
- **Rector's scholarship** (awarded for good academic performance)
- **An emergency loan** (granted as a result of a sudden fortuitous event causing a worsening of the Student's financial situation)



Accommodation

The International Academy of Applied Sciences in Lomza has places to offer students in cosy student residences. Our "dormitories" are located very close to the university, so that the student does not need to use any additional means of transport.

Study and work!

Academic Career Service

During the course of their studies, students have the opportunity to take up employment mediated by the International Academy of Applied Sciences in Lomza. Our students work for friendly and cooperating employers!

An additional option is to travel abroad for work or internships.

Among the most popular destinations are:

- England
- Corsica
- Bulgaria
- Lithuania
- Greece
- Bulgaria
- Portugal



STUDENT LIFE

Studying is not just about learning! It is often the most beautiful, carefree time of anyone's life. That's why MANS offers its students loads of activities and opportunities to experience unforgettable moments. Each academic year begins with a sea trip on the StenaLine ferry to Sweden. Cruises to Karlskrona, sponsored by the JM Rector, have become our tradition, which first-year students enjoy every year. Students enjoy spending their free time having fun, travelling and sightseeing. Traditional events for our students include Alumni Balls, Andrzejki, Otrzęsins and Agronalia. The university also offers extra-curricular activities and study circles. Students also have free access to the MANS sports complex. There is something for everyone.







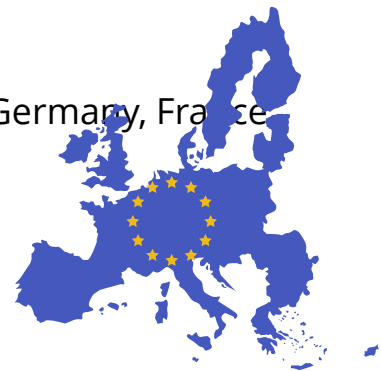
MANS has been implementing activities under the Erasmus+ programme for several years.

This allows our students to travel for study and placements; and our lecturers to train and teach. The programme also allows us to host foreign visitors, develop internationally and share experiences more effectively.

Recruitment at our university runs all year round! The programme offers trips to more than 30 countries in the community. All those interested in taking part receive individual assistance in the preparation of documentation and care.

Our students have already travelled to Portugal, Lithuania, Germany, France, Bulgaria and Norway.

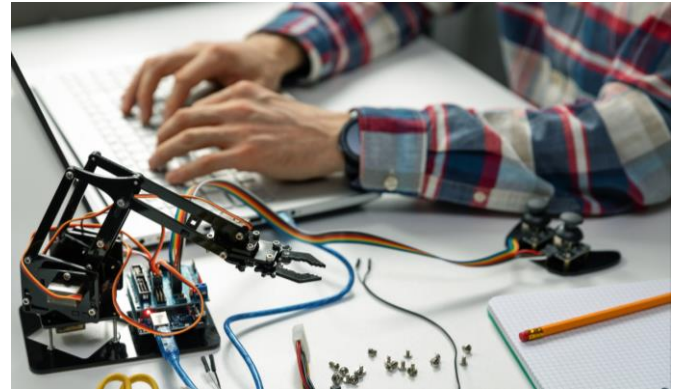
If you are interested, please contact international department!





Education is our passion. While excelling in adult education - the University has also reached out to meet the needs of younger - primary school graduates by creating the **Academic School Complex in Łomża**.

We offer education at the already well-recognised in the region Academic High School with a uniform and uniform-profile, as well as at the Academic High School, i.e. an IT technical school with an IT and uniform education option. Depending on one's preferences and choice of educational pathway, the offer of the ZSA in Łomża is an excellent option for students who are thinking of acquiring a profession already at the secondary school stage or who associate their further professional pathway with the uniformed services.



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Join the best!
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