



SEPARATED SUBDIVISION
OF NATIONAL UNIVERSITY OF LIFE
AND ENVIRONMENTAL SCIENCES OF UKRAINE
“NIZHYN AGROTECHNICAL INSTITUTE”

EQL "JUNIOR SPECIALIST"
EQL "BACHELOR"
EQL "SPECIALIST"
TRAINING OF
SPECIALISTS

2013-2014 academic
year



SEPARATED SUBDIVISION OF NATIONAL UNIVERSITY OF LIFE AND ENVIRONMENTAL SCIENCES OF UKRAINE “NIZHYN AGROTECHNICAL INSTITUTE”

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Dear applicants!

Choosing a profession – is a difficult and important thing in your life. What profession to choose? How not to make a mistake? How to understand that this one is yours?

I sincerely hope that entering the separated subdivision of the National University of Life and Environmental Sciences of Ukraine "Nizhyn Agrotechnical Institute" you can not go wrong, because the grain-growing business is the oldest and most honorable among all.

SS of NULES of Ukraine "Nizhyn Agrotechnical Institute" is one of the oldest and the most prestigious higher educational establishments of Chernihiv region of agricultural and economic purposefulness with highly skilled staff of teachers and students, amazing traditions and glorious past.

The center of agricultural education and science of Chernihiv region was formed in it for the 118-year history, which trains the needed specialists for nowadays village: Mechanical Engineers, Energy and submachine experts in computer science, accountants, managers and operators. After finishing the education in these specialties of educational – qualification level "Junior specialist" students can continue their studies in the areas of training on the relevant professions in educational-qualification level "Bachelor" and "Specialist" which will allow you to become qualified specialists of chosen profession.

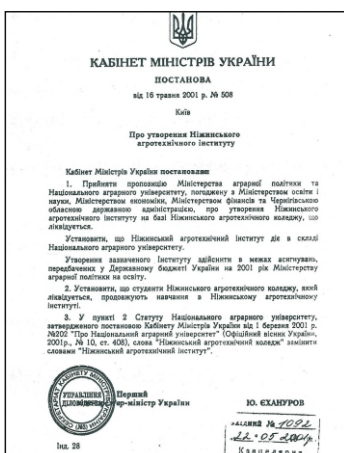
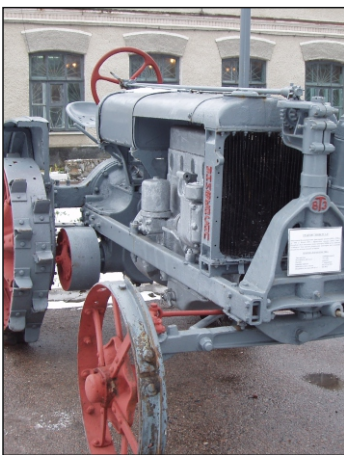
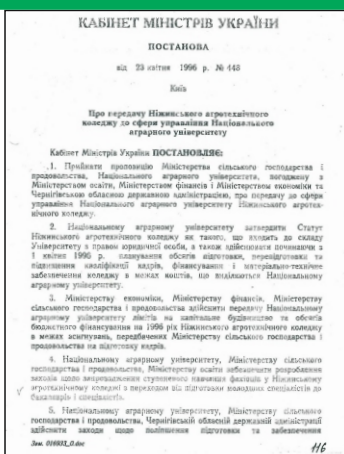
Wide international relations of the Institute create conditions for internships of students abroad. Effective forms of international cooperation are scientific and practical conferences, seminars, meetings of delegations.

Nizhyn is a famous center of art, literature, culture and science in Chernihiv region – will give opportunities to amateurs of sports, choir, dance, music and theater arts to develop their talents. Today, the Institute has got 11 groups of art that have a high level of mastery.

So, make the right decision – enter the Nizhyn Agrotechnical Institute!

With respect
Director of the Institute,
Candidate of Pedagogical Sciences, Associated Professor,
Honored Employee of Public Educational of Ukraine,
Exemplary Teacher of Agrarian Science
and Education of Ukraine,
Exemplary Teacher of Public
Education of Ukraine

Vasyl Lukach



About the Institute

Nizhyn Agrotechnical Institute is a separate subdivision of National University of Life and Environmental Sciences of Ukraine (SS of NULES of Ukraine "NATI"), was founded in 1985 and nowadays is one of the leading higher educational establishments of Ukraine of III level of accreditation in Chernigiv region.

SS of NULES of Ukraine "Nizhyn Agrotechnical Institute" is headed by the director – Vasyl S. Lukach, Candidate of Pedagogical Sciences, Associate Professor,

Honored Employee of Public Educational of Ukraine, Exemplary Teacher of Agrarian Science and Education of Ukraine, Exemplary Teacher of Public and Education of Ukraine.

According to the Resolution № 945 of the Cabinet of Ministers of Ukraine dated October 10, 2008 and the Order of National University of Life and Environmental Sciences of Ukraine dated December 12, 2008, a Separate Subdivision of National Agrarian University "Nizhyn Agrotechnical Institute" was renamed into a Separate Subdivision of National University of Life and Environmental Sciences of Ukraine "Nizhyn Agrotechnical Institute".

The structure of the Institute consists of 3 faculties, 10 chair, 2 departaments: training of junior specialists and preliminary courses, 10 cyclic commissions.

SS of NULES of Ukraine "Nizhyn Agrotechnical Institute" has its own base for the practical training of students – educational-scientific and production subdivision, which includes a research unit of the educational, scientific and industrial laboratory of biological agriculture, which has land around 1052.01 hectares, including 740.24 hectares of arable land, energy, quality and safety of agricultural products, processed agricultural products, intellectual property and scientific-production unit with laboratories of crops production, livestock, breeding farming, technical and technological service, diagnostics, and repair and circuit area of 1.5 hectares.

Educational process and implementation of practical scientific researches in SS of NULES of Ukraine "NATI" is provided by 181 scientifically-pedagogical and pedagogical employees. Scientific degrees and scientists of rank have: Doctors of Sciences and Professors – 18 persons, Candidates of Sciences and Associate Professors, – 78 persons.

Specialities / areas of training

Junior Specialist – is an educational-qualification level of higher education of a person who on the basis of complete secondary education has attained incomplete higher education, special skills and knowledge sufficient for discharging productive functions at a certain level of professional activity, stipulated for initial positions in a certain type of economic activity.

The training of the Junior Specialists may be based on the educational level "Skilled Worker".

List of specialties EQL "Junior Specialist"

Discipline	Specialty
1001 Technology and Energy of agricultural production	5.10010201 Maintenance and repair of machines and equipment of agroindustrial production
	5.10010102 Installation, maintenance and repair of electrical installations in agriculture
0305 Economics and Business	5.03050901 Accounting
0701 Transport and Transport Infrastructure	5.07010102 Transportation organization and management at motor transport
0502 Automation and Control	5.05020201 Installing and maintenance of tools and of automate production
0501 Computer Science and Engineering	5.05010201 Maintenance of computer systems and networks

Bachelor – is an educational-qualification level of higher education of a person who on the basis of complete secondary education has attained basic higher education, fundamental and special skills and knowledge, sufficient to cope with tasks and duties (work) at a certain level of professional activity (in economy, science, engineering, culture, arts, etc.).

The training of the bachelor may be based on the basis of the EQL of junior specialist.

List of specialties of EQL "Bachelor"

Discipline	Direction of training
1001 Technology and Energy of agricultural production	6.100102 Processes, machinery and equipment of agroindustrial production
	6.100101 Engineering and electrical systems in agroculture
0305 Economics and Business	6.030509 Accounting and audit
0306 Management and administration	6.030601 Management

Specialist is an educational-qualification level of higher education of a person who on the basis of the educational-proficiency level of Bachelor has attained complete higher education, special skills and knowledge, sufficient to cope with tasks and duties (work) at a certain level of professional activity (in economy, science, engineering, culture, arts, etc.).

The training of the specialist may be based on the basis of the EQL of bachelor

List of specialties of EQL "Specialist"

Discipline	Direction of training
1001 Technology and Energy of agricultural production	7.10010203 Mechanization of agriculture
	7.10010101 Engineering of agroindustrial production
0305 Economics and Business	7.03050901 Accounting and audit
0306 Management and administration	7.03060101 Management of organizations and administration



Admission of students for studying in 2013 and programs of training

Terms of reception of documents, competition of certificates, introductory tests, competitive selection and enrollment

Entrants personally give such documents to the admission commission of SS of NULES of Ukraine "Nizhyn Agrotechnical Institute»

- statement about an entry, in which specify speciality and form of studies are indicated ;
- a document of state standard about complete universal secondary education (document about obtained educationally qualification level) and appendix to it, after the personal choice there are originals or notarized copies;
- medical certificate on a form 08b-o (original or it the notarized copy);
- 6 color photos size 3x4 cm;
- certificates of the Ukrainian center of Evaluation of Quality Educations (or the notarized copy), given out in 2008-2013 years.;
- copy of ID card (3 copies);
- copy of passport (1, 2, and a registration page in 3 copies).

Passport of citizen of Ukraine or another document, which certifies personality and citizenship (testifying is to births for persons, who does not have a passport on age), military ticket (a certification is about a postscript to the draft area), document about education and appendix to him; certificate (certificates) of the Ukrainian Center of Evaluation of Quality of Education, medical certificate on a form 086-O and documents. Entrants on the basis of complete universal secondary education hand in applications no more than on 3 directions of preparation of junior specialists.

Competitive score for applicants of EQL «Junior specialist» and «Bachelor» is calculated by adding the scores Certificate of competitive items (entrance examination), the average points of the document (annex to document) to complete secondary education and additional points provided of Admission Rules of NULES of Ukraine.

Competitive score for applicants of EQL «Specialist» is calculated by adding the scores Certificate of competitive items (entrance examination), the average points of the document (annex to document) to complete secondary education and additional points provided of Admission Rules of NULES of Ukraine.

The value of the minimum number of points of competitive items in the certificate of the Ukrainian Center for Educational Quality Assessment, which the entrant is allowed to participate in the competition are: from specialized subjects - not less than 140 points, with non-core subjects - not less than 124 points. By decision of the selection committee to participate in the competitive selection allowed applicants to submit the certificate of the Ukrainian Center for Educational Quality Assessment, which points from one of the non-core general subjects below 124 points, provided the score of a comprehensive profile of the object is not less than 170 points.

List of competitive items in the certificates of the Ukrainian Center for Educational Quality Assessment (entrance examination)

For applicants on the basis of base universal secondary education

Specialities of Junior Specialist			List of competitive items (entrance examination)	Status of subject	The least of marks for admitting to participating in a competition or put on studies out of competition
Title	Code	Quota of favourable categories			
Maintenance and repair of machinery and equipment of agroindustrial production	5.10010201	25%	1. Ukrainian language and literature 2. Mathematics	Specialized	4 4
Installation, maintenance and repair of electrical installations in agriculture	5.10010102	20%	1. Ukrainian language and literature 2. Mathematics	Specialized	4 4
Accounting	5.03050901	25%	1. Ukrainian language and literature 2. Mathematics	Specialized	4 4
Installing and maintenance of tools and of automate production	5.05020201	25%	1. Ukrainian language and literature 2. Mathematics	Specialized	4 4
Maintenance of computer systems and networks	5.05010201	25%	1. Ukrainian language and literature 2. Mathematics	Specialized	4 4

For applicants on the basis of secondary education

Directions of training educational qualification level Bachelor			List of competitive items (entrance examination)	Competitive subjects at choice	Status of subject	The least of marks for admitting to participating in a competition or put on studies out of competition
Title	Code	Quota of favourable categories				
Processes, machinery and equipment of agroindustrial production	6.100102	25%	1. Ukrainian language and literature 2. Mathematics 3. Physics 4. Foreign Language	Yes Yes	Specialized	124 140 124 124
Energy and electrotechnical systems in agriculture	6.100101	25%	1. Ukrainian language and literature 2. Mathematics 3. Physics 4. Foreign Language	Yes Yes	Specialized	124 140 124 124
Accounting and audit	6.030609	25%	1. Ukrainian language and literature 2. Mathematics 3. Geography 4. History of Ukraine	Yes Yes	Specialized	124 140 124 124
Management	6.030601	25%	1. Ukrainian language and literature 2. Mathematics 3. Geography 4. Foreign Language	Yes Yes	Specialized	124 140 124 124

For applicants on the basis of complete secondary education

Specialities of Junior Specialist			List of competitive items (entrance examination)	Competitive subjects at choice	Status of subject	The least of marks for admitting to participating in a competition or put on studies out of competition
Title	Code	Quota of favourable categories				
Transportation organization and management at motor transport	5.07010102	25 %	1. Ukrainian language and literature 2. Mathematics 2. Physics	Yes Yes	Specialized Specialized	124 124 124

List of directions for admission for training individuals who received the educational qualification level of Bachelor for the educational specialist's degree (Msc) from with related specialities

Specialities of educational qualification of "Specialist"		List of competitive items (entrance examination)	Course	Training period	Number of seats	
Code	Title				According to the state budget	By means individuals, legal persons
7.10010203	Mechanization of agriculture	Complex of professionally oriented disciplines	1	1	20	30
7.10010101	Engineering of agroindustrial production	Complex of professionally oriented disciplines	1	1	20	30
7.03050901	Accounting and audit	Complex of professionally oriented disciplines	1	1	10	20
7.03060101	Management and administration	Complex of professionally oriented disciplines	1	1	10	20

License amount of training specialists

Education-qualification level	License amount	
Specialty, code and title	Full-time	Part time courses
5.10010201 Maintenance and repair of machines and equipment of agroindustrial production	75	30
5.10010102 Installation, maintenance and repair of electrical installations in agriculture	50	50
5.05020201 Installing and maintenance of tools and of automate production	25	-
5.07010102 Transportation organization and management at motor transport	30	-
5.03050901 Accounting	60	25
5.05010201 Maintenance of computer systems and networks	30	-
6.100202 Processes, machinery and equipment of agroindustrial production	75	75
6.100101 Engineering and electrical systems in agriculture	60	60
6.0310601 Management	30	25
6.030509 Accounting and auditing	40	25
7.091902 Mechanization of agriculture	50	50
7.091901 Energy of agricultural production	50	30
7.050201 Management and administration	30	30
7.050106 Accounting and auditing	30	30

Organization of educational process

There are two forms of studying at the Separate Subdivision of National University of Life and Environmental Sciences of Ukraine "Nizhyn Agrotechnical Institute" is carried forms: full time and correspondence courses.

According to the Law of Ukraine "About Higher Education" in NULES of Ukraine degree system of higher education is realized "Skilled worker – Junior specialist - Bachelor - Specialist" in a separate subdivision of the National University of Life and Environmental Sciences of Ukraine "Nizhyn Agrotechnical Institute" and "Junior specialist-Bachelor - Specialist - Master "in the base facility of the University.

Regulatory and legal framework of the educational process at the institute is the Law of Ukraine "About Education", "About Higher Education", state standards of higher education, "Regulations on the organization of the educational process in higher education", education and professional training programs relevant professional aspirations and qualifications

An educational process at the Institute is carried out as lessons, implementation of individual tasks, independent work of students, practical preparation, control measures (examinations, tests, and others like that).

One of the features of the educational process at the SS of NULES of Ukraine "NATI" is the introduction of credit-module system for all courses of study and training programs EQL "Junior Specialist", "Bachelor", "Specialist", which governs "The credit-modular system training at SS of NULES of Ukraine "Nizhyn Agrotechnical Institute".

The total student work (classroom and extracurricular work, independent study, etc.) is measured in hours and credits of the European Credit Transfer System (EST5).

Relation between national and EST 5 grades and student ratings

National mark	ECTS mark	Percentage of students who achieve an appropriate score in European universities	Definition of evaluation ECTS	The students' scores
1	2	3	4	5
Excellent	A	10	EXCELLENT - excellent performance with few mistakes	90 – 100
Good	B	25	VERY GOOD - above the average level with few mistakes	82 – 89
	C	30	GOOD - in general correct work with the certain amount of tough mistakes	74 – 81
Satisfactory	D	25	SATISFACTORY- not bad, but with significant shortcomings	64 – 73
	E	10	SUFFICIENT - performance meets the minimum criteria	60 – 63
Unsatisfactory	FX	–	UNSATISFACTORY - to work before get credit (positive mark)	35 – 59
	F	–	UNSATISFACTORY –the subsequent thoughtful piece of work is needed	00 – 34

Students who have a higher ranking for the period of study, provided advantages in dealing with such issues:

- directed to work after graduation SS of NULES of Ukraine "Nizhyn Agrotechnical Institute";
- settlement in the hostel and scholarships;
- choosing the place of production and training practices;
- permission to study at an individual curriculum and schedule;
- switching to new specialization;
- selection for training abroad;
- competitive selection after the course for continuing education for the qualification of «Bachelor", "Specialist".



International cooperation

Nizhyn Agrotechnical Institute has rich experience in international cooperation with the partners from different countries.

The bright period in the history of the Institute was a three-year program of collaboration between educational establishments of Ukraine and the USA. The best students of Nizhyn Agrotechnical Institute took an active part in this unique project which was organized by National Agricultural University. The staff of the Jefferson-Scranton school of the state Iowa, the US, was their partner in the cultural exchange program.

In 2012, an agreement on cooperation between the Institute and the Industrial-Economic College after academic H.S.Seytkasymov (Republic of Kazakhstan) was signed.

Nowadays the Institute closely collaborates with Poliske State University (Belarus), Belarusian Agricultural Academy, Velykolutskaya State Agricultural Academy (Russia), Mar'yinohorskiy Agricultural and Technical College after V.Lobanka (Belarus), Consular Department of the Embassy of Poland in Ukraine, the Public Affairs Section of the U.S. Embassy in Ukraine.

Annually over 50 students of the Institute took practical training abroad. Young research workers communicate with the representatives of Fulbright Scholar Programs. Scientific-research collaboration with a Dutch Agrarian "Nunems" and a German-French-Ukrainian firm "Aventis" is fruitful.

Scientific-practical conferences, seminars, meetings of delegation are an effective form of international cooperation.

Information and telecommunication software

An important direction of the institute work is the introduction of information and computer technologies in educational process. The department of technical training, information and distance learning, equipped with modern computers operates at the institute for this purpose.

In SS of NULES of Ukraine "Nizhyn Agrotechnical Institute" based on OpenSuse installed and functioning system of distance learning Moodle (<http://moodle.nati.org.ua>) – object-oriented dynamic learning environment focused on the interaction between teacher and students, organizing distance learning courses, and support stationary education. Today about 90% of subjects brought into this platform, which allows students of the Institute remotely, via the Internet, to learn training material and pass the test control knowledge in academic discipline.

Presently, due to the creation of the educational-informative portal, a student has a possibility to get all package of necessary educational materials to the course with access in a separate computer laboratory, computer intranet of institute, virtual library, or through the system of the Internet. The elements of the distance education are inculcated in an educational process, further development gets informatization and computerization of the process of testing. Having a multimedia complex allows teachers to conduct lectures and workshops using innovative technologies and multimedia with the following control level learning.

The local network of institute works under the management of the server operating systems of Windows Server and Opensuse, which combines education, research and administrative units. The educational process is provided by the work of 19 computer labs.

The library of the Institute

Library of SS of NULES of Ukraine "Nizhn Agrotechnical Institute" executes the most important functions: informative, educational, cultural-educational, communicative. One of basic work of library assignments is forming of fund for the high-quality providing of educational process and advanced study of the institute. The present fund of library provides students with necessary teaching and reference books on 100%, the average number of copies of educational literature, which is on one student of daily form of studies, is 70,48.

To achieve modern level library science at the Institute conducted works on computerization of library. The program IRBIS functions – Library Automation System that meets the international demands, supports all variety of traditions of library business. In 2012 years all the information of library's retro fund of the institute was added to the electronic catalogue. The program consists of five databases that reflect the general fund (29160 entries). Pedagogical and scientific-pedagogical staff are constantly working on writing textbooks, creation of computer assets.

Library fund is diversified. The library gets more than 70 names of magazines and newspapers every year. One of acquisitions of library is a fund of a rare book, which counts 126 books (from 1859 year). The real pearls of fund are books of Weisbach of Julius "Theoretical and practical mechanics" T.1, "Encyclopedic dictionary" Brokgauza (1890), "History of mathematics" (1883), "Goethe Collection" (1878) and others like that. The structure of the fund also includes 24 books on electronic media.

The library of the Institute is equipped with 13 computers, printers, scanners. Except teaching and research fund of the Institute's library, educational and material resources of relevant departments, cyclic commissions, educational, scientific and industrial laboratories are used for the training of the specialists.

In the case of necessity students get possibility to use the funds of libraries of the National University of Life and Environmental sciences of Ukraine and scientific establishments, to conduct the planned researches and supervision on the base of front-rank enterprises of the Chernihiv region.



Student Government

Student government protects the rights and interests of the students. Representatives of the students are members of the Academic Board, the general meeting of the working group, the selection committee of the institute. Without the agreement with the student government is not solved any of question concerning students

Together with the deans of faculties heads of student Councils spend course leader-meeting, engaged in monitoring the learning process.

A separate bright page in activity of student self-government are international student scientific and practical conferences. Intellectual and scientific competitions are conducted. Heritage of the past years has been actively involved in scholarship programs, grants, programs of strong holdings.

For the improvement of material and technical base in an institute are established and successfully operating student labor units, which, besides the active assistance in academic buildings, together with the managers of laboratories and practice managers working in educational research and production unit of the Institute.

Student Council in cooperation with the administration conducts job fairs, workshops, round tables to promote employment. In addition, the school took the best course of employment of graduates within its walls. So for the last 3 years, almost 20 graduates have taken leadership positions in the most responsible sections of the institute.

In student hostels evenings and meetings with psychologists, nurses and social services are held. Traditionally, there is a competition for the best room, the winner of which is awarded valuable gifts - home appliances.

Students are the initiators and co-organizers of many artistic, sports and environmental activities at the institute.

SPECIALTY CODE

5.10010201

SCOPE, CREDITS, ECTS

180**Full-time 2-4****Part-time 2**

License amount:

Full-time/Part time - 75/30

**DEPARTMENT OF TRAINING OF
JUNIOR SPECIALISTS**

SPECIALTY

**MAINTENANCE AND REPAIR OF MACHINES
AND EQUIPMENT OF AGROINDUSTRIAL
PRODUCTION**

DISCIPLINE

**TECHNOLOGY AND ENERGY OF
AGRICULTURAL PRODUCTION****Annotation of the specialty**

Grant of knowledges, abilities and practical skills, for the receipt of qualification of technician-mechanic of agricultural production from exploitation and repair of machines and equipment in a plant-grower, stock-raising, to processing industry and others like that. Graduate in "Operation and maintenance of machinery and equipment of agroindustrial production" must have knowledge of the structure, a variety of vehicles, equipment and machinery for agriculture production for selection and use in industrial processes, have modern principles of organization and technology for agriculture production.

Structure of the curriculum

The curriculum is concluded on the basis of educational and vocational training programs EQL "Junior Specialist" in specialty "Maintenance and repair of machinery and equipment of agroindustrial production."

The normative component of the curriculum consists of 3 cycles:

- humanitarian and socio-economic
- mathematical and natural sciences,
- professional and practical

total volume of 6210 hours., 172.5 ECTS credits.

Selective part of curriculum consists of disciplines after the choice of educational establishment 270 hours, 7,5 credits of ESTS.

The total time for education and vocational program is 6480 hours., 180 ECTS credits.

Curriculum includes:

- realization of 3 coursework (projects) in the disciplines: engineering mechanics, maintenance of machines and equipment, technical services in agriculture;
- passing 8 educational practices: the study with materials and TCM, with tractors and vehicles, agricultural machinery, with technical services in agriculture with machines and equipment for livestock, repair of machines and equipment, operating machinery and equipment.

Type of state certification (oriented themes final work)

State certification involves the preparation and defense of diploma.

Estimated dissertations topics:

1. Selection and calculation of machines for complex mechanization of SH crops (sugar beet, corn silage, etc.) in the development of operational technology (inter-row cultivation, fertilization, etc.) in a company.
2. Reconstruction of the barn during unkeeping with the development of a device to clean the feed table on the venture.
3. Improvement of repair work in the studio with the development of enterprise technology maintenance engine.
4. Mechanization distribution of feed for cattle company with the improvement of mobile distributor.
5. Improvement of the operation and maintenance of the car (brand) in terms of business.
6. Draft paragraph vehicle maintenance conditions for enterprises.

QUALIFICATION

TECHNICIAN-MECHANIC OF AGRICULTURAL PRODUCTION

SPECIALTY CODE

5.10010201

Competencies

key (theoretical):

basic knowledge of philosophy, psychology, pedagogics contributing to the development of general culture and socialization, exposure to aesthetic values and ability to use them in a professional and social activity.

basic (fundamental):

basic knowledge of fundamental and applied mathematics and the ability to apply them in professional activities, research and methodological principles and standards in the field of computer engineering, ability to apply them in the development and integration of systems, products and services, ability to written and oral communication in native language, knowledge of English and other languages.

professional and practical:

basic knowledge of a variety of vehicles, equipment and machinery for agriculture production for selection and use in manufacturing processes; possession of modern principles and technologies for agriculture production, methods of analysis and assessment mechanisms, machines, systems, technical and economic indicators of and production technologies, state of health; ability to apply modern methods of work with technical facilities in the field and lab work with modern equipment, devices, instruments and mechanisms, have a basic knowledge of the main trends and advances in modern agricultural technology, knowledge of operation, maintenance, diagnosis, repair and storage of agricultural machinery, equipment and the ability to organize work according to the requirements of life safety and health requirements.

Academic rights of the graduates

Graduates of the specialty "Maintenance and repair of machinery and equipment of agroindustrial production" can continue their studies for EQL "Bachelor" in the direction of 6.100102 "Processes, machines and equipment of agroindustrial production".

Employment of graduates

Graduates of the specialty "Maintenance and repair of machinery and equipment of agroindustrial production" can work as head of the court (the machine), the control site (agricultural), head of the studio, the master of the maintenance and repair of machinery, automotive mechanic columns (garage), mechanical manufacturing, station, shop, technician mechanization of labor-intensive processes, inspector of labor, adjuster of agricultural machines and tractors, a mechanic with the fuel system, vehicle repair, repair of agricultural machinery and equipment.



SPECIALTY CODE

5.10010102

SCOPE, CREDITS, ECTS

180**Full-time 2-4****Part-time 2**

License amount:

Full-time/Part time - 50/50

**DEPARTMENT OF TRAINING OF
JUNIOR SPECIALISTS**

SPECIALTY

**INSTALLATION, MAINTENANCE AND REPAIR
OF ELECTRICAL INSTALLATIONS IN
AGRICULTURE**

DISCIPLINE

**TECHNOLOGY AND ENERGY OF
AGRICULTURAL PRODUCTION****Annotation of the specialty**

Students acquire knowledge and skills in the field of power generation, transmission, distribution of heat and electricity, their use in agricultural production. Specialists in installation, maintenance and repair of electrical installations in the agricultural sector are able to perform in-process, installation and maintenance tasks. The objects of professional activity are power plants and substations, power generation systems and networks, electrical facilities and equipment industries, power plants, power stations and systems based on alternative and renewable energy and more.

Structure of the curriculum

The curriculum is concluded on the basis of educational and vocational training programs EQL "Junior Specialist" in specialty "Installation, maintenance and repair of electrical installations in agriculture"

The normative component of the curriculum consists of 3 cycles of training:

- humanitarian and socio-economic
- mathematical and natural sciences,
- professional and practical

total volume of 598 hours., 172,75 ECTS credits.

Selective part of curriculum consists of disciplines after the choice of educational establishment 621 hours, 17,25 credits of ESTS.

The total time for education and vocational program is 6480 hours., 180 ECTS credits.

Curriculum includes:

- realization of 3 coursework (projects) in the disciplines: electromechanics of agricultural machines, automation of technological processes and systems of automatic control, exploitation and repair of electrical equipment and facilities of automation
- passing 8 educational practices: acquainting with control and measuring devices, welding, electro-metalwork, mechanical, electrical, technical service and repair of electrical equipment and facilities of automation, from the decision of production situations.

Type of state certification (oriented themes final work)

State certification involves the preparation and defense of diploma.

Estimated dissertations topics:

1. Electrification of industrial manufacturing processes of dried milk at the plant.
2. Electrification of technological processes with the analysis of three-phase power systems at the company.
3. Energy audit of buildings enterprise.
4. Energy saving technology processes preplant treatment of seeds.
5. Reconstruction and selection of energy saving for lighting based company.
6. Upgrading energy service and item maintenance and repair of electrical equipment company.

TECHNICIAN-ELECTRICIAN

Competencies

key (theoretical):

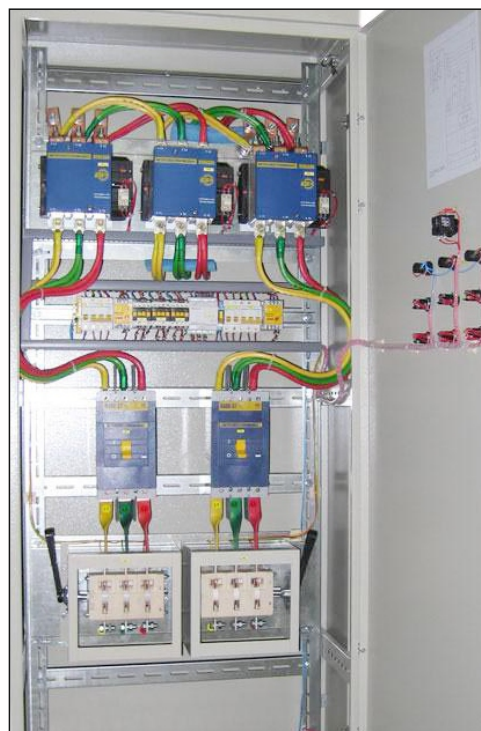
basic knowledge of philosophy, psychology, pedagogics contributing to the development of general culture and socialization, exposure to aesthetic values and ability to use them in a professional and social activity, knowledge of national history, economics and law, understanding of cause-effect relationships of society and the ability to use them in a professional and social activity, social advancement of future specialists, active improvement of personal and professionally significant qualities.

basic (fundamental):

basic knowledge of fundamental and applied mathematics and the ability to apply them in professional activities, research and methodological principles and standards in the field of computer engineering, ability to apply them in the development and integration of systems, products and services, ability to written and oral communication in native language, knowledge of English and other languages.

professional and practical:

understanding of the basic laws of electromagnetic fields and the theory of electric and magnetic circuits, electromechanical energy conversion and physical laws underlying the operation of electric machines and apparatus for physical processes and principles of management of electric drives, perceptions about the technology of production, distribution and transmission of electricity, methods of parameters and modes of supply items of agricultural consumers; idea of heat, water, farms, understanding of the nature, methods of preparation, conversion and use of energy optical radiation, the ability to calculate and oprominyuvalnyh lighting installations, the ability to perform the installation of energy equipment and control systems, plan and carry out maintenance and repair of power equipment.



Academic rights of the graduates

Graduates of the specialty "Installation, maintenance and repair of electrical installations in agriculture" can continue their studies for EQL "Bachelor" in the direction of 6.100101 "Energy and electrical engineering systems in an agroindustrial complex".

Employment of graduates

The graduating students of specialty "Installation, maintenance and repair of electrical installations in agriculture" can work as master of repair instruments and apparatus, repair and adjustment of power equipment, appliances, plumbing, electricity station, shop, electrician, electrician for repair and maintenance of electrical, electrician and electrical power networks.



SPECIALTY CODE

5.05010201

SCOPE, CREDITS, ECTS

180**Full-time 3****Part-time -**License amount:
Full-time/Part time - 30/0**DEPARTMENT OF TRAINING OF
JUNIOR SPECIALISTS**

SPECIALTY

**MAINTENANCE OF COMPUTER
SYSTEMS AND NETWORKS**

DISCIPLINE

**INFORMATICS AND COMPUTER
FACILITIES****Annotation of the specialty**

The widespread introduction of computer-integrated technologies, information systems, forming an extensive industry of electronic information resources, the emergence of computer-integrated manufacturing technology and greatly increases the demand for specialists in maintenance of computer systems and networks. The training IT-specialists in Ukraine is carried into practice in few specialities. The graduates of this speciality should have general scientific and professional competencies in areas such as mathematics, programming, circuitry, electronics, computer networks.

Structure of the curriculum

The curriculum is concluded on the basis of educational and vocational training programs EQL "Junior Specialist" in speciality "Maintenance of computer systems and networks".

The normative component of the curriculum consists of 3 cycles of training:

- humanitarian and socio-economic
- mathematical and natural sciences,
- professional and practical

total volume of 567 hours., 157,5 ECTS credits ECTS.

Selective part of curriculum consists of disciplines after the choice of educational establishment 810 hours, 22,5 credits of ESTS.

The total time for education and vocational program is 6480 hours., 180 ECTS credits.

realization of 3 coursework (projects) in the disciplines: programming, computer networks, economics and production planning;

passing 4 educational practices: acquainting, of programming, electial, maintenance of computer.

Type of state certification (oriented themes of final work)

State certification involves the preparation and defense of diploma.

Estimated dissertations topics:

1. Development of educational web-site on the subject.
2. Development subscriber access network based on ethernet technology using fiber-optic communication lines.
3. Drafting protection network.
4. Organization of the station diagnosis and repair of computer power supply in the enterprise.
5. Development of alarm at the facility.
6. Development of internal local network.
7. Protect your software against unauthorized access and malicious programs.

QUALIFICATION

TECHNICIAN OF CALCULATION MACHINERY

SPECIALTY CODE

5.05010201

Competencies

key (theoretical):

basic knowledge of the fundamentals of jurisprudence, philosophical knowledge, history of Ukraine, Culture, contributing to the development of general culture and socialization, exposure to aesthetic values and the ability to use them in a professional and social activity, social advancement of future specialists, active improvement of personal and professionally significant qualities.

basic (fundamental):

basic knowledge of fundamental and applied mathematics and the ability to apply them in their professional activities, scientific and methodological principles and standards in the field of computer engineering, computer science and modern information technology to use software and work in computer networks.

professional and practical:

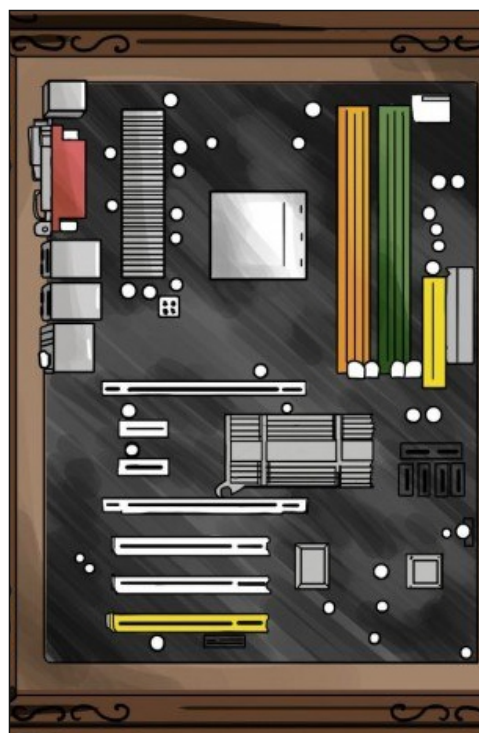
thorough mathematical to use mathematical tools in solving applied problems in the field of computer engineering, theory of electrical and magnetic circuits, computer electronics, principles of programming of modern programming languages, basic data structures, basic knowledge of theoretical (logical and arithmetic) foundations of modern computers and the ability to apply them in solving professional problems, knowledge of computer architecture, the ability to apply them in the construction and operation of modern computers circuit fundamentals, principles, methods and tools of design, construction and maintenance of modern computer networks of various types and purposes. Knowledge of organizational, technical, and other algorithmic techniques and data protection in CSN.

Academic rights of the graduates

The graduates of the specialty "Maintenance of computer systems and networks" can continue studying for EQL "Bachelor" in the direction of 6.050102 "Computer Engineering"

Employment of graduates

The graduating students of specialty "Maintenance of computer systems and networks" can work on positions of technician of computer (information-computer) center, technician.



SPECIALTY CODE

5.05020201

SCOPE, CREDITS, ECTS

180**Full-time 3****Part-time -**License amount:
Full-time/Part time - 25/0**DEPARTMENT OF TRAINING OF
JUNIOR SPECIALISTS**

SPECIALTY

**INSTALLATION AND MAINTENANCE
OF TOOLS AND SYSTEMS OF AUTOMATE
PRODUCTION**

DISCIPLINE

AUTOMATION AND MANAGEMENT**Annotation of the specialty**

Automation of the agricultural sector is an important factor in agriculture production scientific and technological progress. Specialists need in automation today is actual and depends on the implementation of informational technologies in all branches of agricultural production. Automated process control and production process is based on modern computer integrated control systems and are widely used in modern enterprises.

Structure of the curriculum

The curriculum is compiled on the basis of educational and vocational training programs EQL "Junior Specialist" in speciality "Installation, maintenance of means and systems of technological production automation".

The normative component of the curriculum consists of 3 cycles of training:

- humanitarian and socio-economic,
- mathematical and natural sciences,
- professional and practical,

the total amount is 5454 hours., 151,5 credits ECTS.

Selective part curriculum consists of disciplines chosen by the educational establishment – 1026 hours, 28,5 credits of ESTS.

The total time period for education-vocational program is 6480 hours., 180 ECTS credits.

Curriculum includes:

- fulfilling of 3 course works (projects) on the disciplines:
- automation of technological processes;
- installation and settling technical tools of automated systems, economics, organization and production planning;
- passing 6 training practices: acquainting, programming, electrical measurement, electro-assembling, technical maintenance of means automation, locksmith.

Type of state certification (oriented themes final work)

State certification involves the preparing and diploma defense.

Oriented final work themes:

1. Automation of drying corn regimes.
2. Automated temperature control in the ready-made products warehouses.
3. Automation of bottle oil.
4. Development of automatic artificial light control in premises, based on infra-red sensor.
5. Working out of automatic warm-house heating.
6. Improving of the boiler automated control system.
7. Automation of proper grain drying ventilation for realization of energy-efficient regime.

QUALIFICATION

ELECTRICIAN

SPECIALTY CODE

5.05020201

Competencies

key (theoretical):

basic knowledge of science of law fundamentals, philosophy knowledge, history of Ukraine, Culture, assisting in the development of general culture and personality socialization, disposition to aesthetic values and the ability to use them in professional and social activity, social advancement of future specialist, active improvement of personal and professionally significant qualities.

basic (fundamental):

basic knowledge of mathematics fundamental parts, in amount, necessary for possessing mathematical methods in chosen profession, basic knowledge in Informatics and modern informational technologies, ability to use software and work in computer networks, ability to create of database and use Internet resources.

professional and practical:

ability to use professional profile knowledge and skills in electricity, automatics, automated management, technological processes automation and computer-integrated technologies; the basic understanding of design preparation base for automation production; the main types of automation schemes, standards and regulations that are used for their production; use of computer-aided design systems; basic understanding of electrical engineering, electronics, mechanics, engineering graphics, circuitry, automatic and control regulation theory, activity on industrial devices assembling and application, electrical equipment, means of measurement and automation, construction products, materials, tools in the process of technological production automation.

Academic rights of the graduates

The graduates of the speciality "Installation, maintenance of tools and systems of technological production automation" are allowed to continue studying at EQL "Bachelor" on the direction of 6.050201 "Automation and computer-integrated technologies".

Employment of graduates

Graduates of the speciality "Installation, maintenance of tools and systems of technological production automation" are allowed to work as electrician, section electrician, technician- designer (electrical engineering), technician on automation production processes, technician of adjustment and testing and automation means service.



SPECIALTY CODE

5.07010102

SCOPE, CREDITS, ECTS

180**Full-time 3****Part-time -**

License amount:

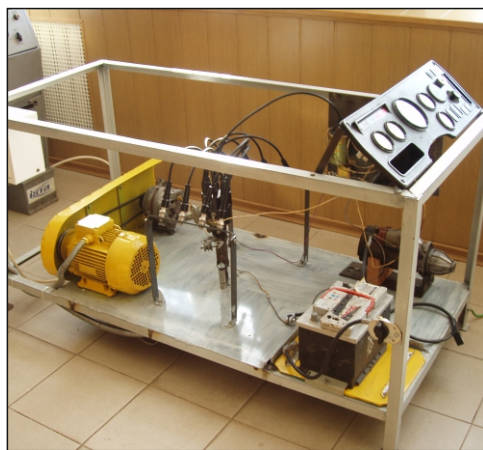
Full-time/Part time - 30/0

**DEPARTMENT OF TRAINING OF
JUNIOR SPECIALISTS**

SPECIALTY

**TRANSPORTATION ORGANIZATION
AND MANAGEMENT AT MOTOR
TRANSPORT**

DISCIPLINE

**TRANSPORT AND TRANSPORT
INFRASTRUCTURE****Annotation of the specialty**

Road transport play important role in the effective conduct of industrial activity in the state. The need for specialists in the transport of current is relevant due to the increase in the types and number of vehicles in various industries, particularly in the field of agricultural production. Graduate in "Organization and management of transportation at motor transport "should have modern methods of analysis of freight and passenger traffic, have general scientific and professional competencies to develop measures to improve the transport of, know and apply advanced traffic management system control cars have modern methods of planning and management road transport.

Structure of the curriculum

The curriculum is concluded on the basis of educational and vocational training programs EQL "Junior Specialist" in speciality "Organization and management of transportation on motor transport ".

The normative component of the curriculum consists of 3 cycles of training:

- humanitarian and socio-economic
- mathematical and natural sciences,
- professional and practical

total volume of 6084 hours., 169 ECTS credits.

Selective part of curriculum consists of disciplines after the choice of educational establishment 396 hours, 11 credits of ESTS.

The total time for education and vocational program is 6480 hours., 180 ECTS credits.

Curriculum includes:

- execution of 2 coursework (projects) in the disciplines: organization of freight traffic, passenger traffic organization;
- passing 2 educational practices: in freight transportation, in passenger traffic.

Type of state certification (oriented themes final work)

State certification involves the preparation and defense of diploma.

Estimated dissertations topics:

1. Improving the organization of inter-city buses on the route.
2. Improving the organization of the buses on city routes.
3. Organization of transportation grain.
4. Transportation Organization of finishing materials.
5. Improving transport process to transfer milk to processing plants.
6. Improving the organization of the commuter bus route.
7. Organization of the forest transportation to wood shops.

TECHNICIAN-TECHNOLOGIST

Competencies

key (theoretical):

understanding of the formation of the national state, stable outlook, legal support of social and productive activities of the personnel, the formation of ecological culture, a sense of responsibility in matters of "car-ecology" ability to systemic thinking, perseverance, the use of scientific and cultural achievements of world civilization in practice activities, the basic idea of the wealth of world economic thought, experience of the world economic system and its application in the economy of Ukraine.

basic (fundamental)

knowledge of basic math skills and apply them in educational and professional activities in the field of road transport, basic knowledge of materials science, engineering mechanics, information technology, knowledge of engineering job search status and prospects of the market. Fluency in oral business, written communication in the official language, mastery and application use one (of several) foreign languages in social and professional spheres, computer skills, information management.

professional and practical

possession of methods of studying market conditions and transportation needs of customers, analyze the current state of freight and passenger transport, planning and management of road transport, the basic idea of the variety of types of rolling stock, the methods of transport capacity for setting tariffs and prices for services companies and their use, the ability to use professionally profiled knowledge and practical skills for analysis of business enterprises and the development of measures to improve the organization of transport in the area of standardization for the use of qualified regulatory documentation, implementation and operation of advanced traffic management systems control cars.

Academic rights of the graduates

Graduates of the specialty "Organization and management of traffic on motor transport" may continue their studies for EQL "Bachelor" in the direction of 6.070101 "Transport Technologies" (road transport).

Employment of graduates

Graduates of the specialty "Organization and management of traffic on motor transport" can work as technician-engineer (mechanical), road transport manager, manager of international transport, transportation services manager, inspector operational, technological and organizational issues, the inspector of safety and safety inspector with safety, technical inspector to monitor the use of fuel Auditor road transport operator's control movement and loading and unloading of road transport.



SPECIALTY CODE

5.03050901

SCOPE, CREDITS, ECTS

180**Full-time 1-3****Part-time 3**

License amount:

Full-time/Part time - 65/25

**DEPARTMENT OF TRAINING OF
JUNIOR SPECIALISTS**

SPECIALTY

ACCOUNTING

DISCIPLINE

ECONOMICS AND BUSINESS**Annotation of the specialty**

Specialty "Accounting" provides training specialists focused on in-depth study of the theory and practice of accounting in the agricultural sector of the economy. An important direction of such training is motivation to master the knowledge of the monetary flows businesses optimize their revenues to improve the solvency of financial stability and profitability of the enterprise, which is important in today's economy.

Structure of the curriculum

The curriculum is concluded on the basis of educational and vocational training programs EQL "Junior Specialist" in speciality "Accounting".

The normative component of the curriculum consists of 3 cycles of training:

- humanitarian and socio-economic
- mathematical and natural sciences,
- professional and practical

total volume of 4032 hours., 112 ECTS credits.

Selective part of curriculum consists of disciplines after the choice of educational establishment 288 hours, 8 credits of ESTS.

The total time for education and vocational program is 4320 hours., 120 ECTS credits.

Curriculum includes:

- execution of 2 term papers on subjects: financial accounting, planning and organization of enterprises;
- passage of 6 educational practices: the technology of the industry, of computer engineering, accounting, planning and organization of information systems and technology in keeping with the economic analysis.

Type of state certification (oriented themes final work)

State certification is held in the form of a comprehensive state examination in special subjects: financial accounting, accounting and accountability in public institutions, monitoring and auditing, economic analysis, tax system, laborprotection.

ACCOUNTANT

SPECIALTY CODE
5.03050901

Competencies

key (theoretical)

forming of knowledges, abilities and skills, from creation of safe conditions of life and activity of person in the environment of existence, capture of defence of personality, labour, rest, education, medical service, ecological culture, health and life legal norms, capacity for system thought, persistence in gaining end, drawing on scientific and cultural accomplishments of world civilization, in practical activity; base pictures of acquisition of world economic idea, experience of the world economic system and application of it in the economy of Ukraine.

basic (fundamental)

availability of knowledge in the basic sciences, including mathematics and cycle disciplines of natural science training economic nature: political economy, higher mathematics, business economics, finance companies, showgirl, availability of knowledge about the features and principles of operation of businesses, professional place economic direction in the coordinate system of the successful development of businesses, ownership method of accounting major business transactions.

professional and practical

presence of the knowledge about the definition of accounting policies, a plan of accounting, determine the structure of accounting, number of employees and their duties; knowledge of organizing the work, preparation of financial statements, the organization of internal economic control, especially on farm management, interconnection the link between different levels of governance and structural units, the formation of enterprise cash flows, optimize their revenues over time and areas of investment in order to improve the solvency of financial stability and profitability of the enterprise, the ability to implement business transactions and accounting processes, cost accounting, financial and tax reporting, the ability to effectively use instructional techniques and methods of economic analysis to complex estimation problem situations and operational solutions.



Academic rights of the graduates

Graduates of the specialty "Accounting" can continue their studies for EQL "Bachelor" in the direction of 6.030509 "Accounting and audit".

Employment of graduates

The graduating students of specialty "Accounting" can work as a leading accountants, chief cashiers, accountants, auditors, experts in accountant.



SPECIALTY CODE

6.100102

SCOPE, CREDITS, ECTS

240**Full-time** 4**Part-time** 4,5

License amount:

Full-time/Part time - 75/75

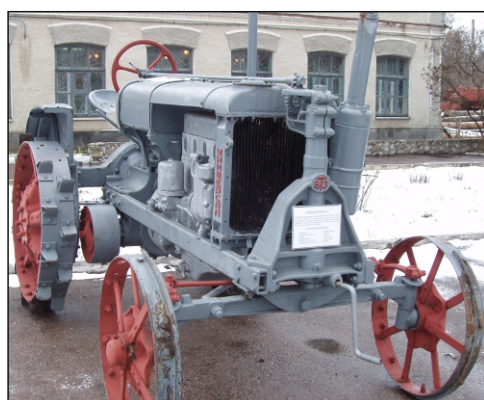
FACULTY

MECHANIZATION OF AGRICULTURAL

TRAINING COURSE

**PROCESSES, MACHINERY AND EQUIPMENT
OF AGROINDUSTRIAL PRODUCTION**

DISCIPLINE

**TECHNOLOGY AND ENERGY OF
AGRICULTURAL PRODUCTION****Annotation of training course**

Grant of knowledges, abilities and practical skills of bachelor of engineer-mechanic, in industry of processes, machines and equipment of plant-grower, stock-raising, processing industry, and others like that on the base of modern standards of higher education taking into account the requirements of society and European educational programs, for work in the state and private sectors of economy of Ukraine.

Structure of the curriculum

The curriculum is concluded on the basis of educational and vocational training programs EQL "Bachelor" in speciality "Processes, machinery and equipment of agroindustrial production."

The normative component of the curriculum consists of 3 cycles:

- humanitarian and socio-economic cycle;
- mathematical and natural sciences cycle;
- professional and practical cycle.

total volume of 5760 hours., 160 ECTS credits.

The total time for education and professional program is a complete training period 8640 hours EST5 240 credits (4 years) and short term training 4320 hours 120 credits EST5(2 years old).

Curriculum includes:

- execution of 6 coursework (projects) (full time study) in the following subjects: "Theory of Mechanisms and Machines", "Tractors and cars", "Machine parts", "Agricultural machine", "Operation of machinery and equipment", "Repair and equipment";

- Passing of 6 Practice (full time study): educational (introductory, repair plumbing, control of vehicles and agricultural machinery and mechanical technology), manufacturing (production of agricultural enterprises, industrial pre-diploma).

Type of state certification

State certification provides complication of a comprehensive state exam in the specialty ("Tractors and cars", "Farm Machinery", "Machinusage in agriculture", "Repair", "Health", "Maintenance of machinery and equipment"), the preparation and defense of final bachelor project.

Reference subject of diploma projects:

1. Modernization of repair and servicing facilities (household name) with the development of station.
2. Technical upgrading stations, laboratories for technical service of agricultural machines (for names and types for the selected farms).
3. The mechanization of the process of technological operations in growing (cereals, fruit and berry) crop (in the selected sector) with the improvement of the working machine.
4. An improvement of the mechanized process of production (technical, fruit and baccate grain-crops) with modernization (working mechanism, organ) of agricultural machine.
5. An improvement of complex of machines and equipment (MTF, pig farms, sheep farms) with research of technological process (table of contents, feedings and others like that).

BACHELOR ENGINEER-MECHANIC

Competencies

Theoretical (in the humanities, social and economic knowledge): Ukrainian language (for professional purposes), foreign language (for professional purposes), the history of Ukraine, the history of Ukrainian culture, physical education, philosophy, political science, history of agricultural engineering, law, sociology, engineering paperwork.

Basic (in natural science): physics, descriptive geometry, computer graphics, higher mathematics, chemistry, theory of mechanisms and machines, engineering mechanics, mechanics of materials and structures, hydraulics, heating, electronics and electrical engineering, power and automation engineering environment.

Professional and practical: materials, technology of construction materials, fuel and lubricants, interchangeability, standardization and technical measurements, tractors and cars, farm machinery, machine parts, machinery and equipment for livestock, machinery and equipment for processing agricultural products, lifting machines, basic safety, technical services in agriculture, maintenance of machines and equipment, maintenance of machinery and equipment, agricultural production economics, hydraulics and pneumatic systems agricultural technology, management and marketing, transport process in agriculture.

Academic rights of the graduates

Graduates can continue their studies:

according to the programme of training specialists in specialty 7.10010203 - "Agricultural Engineering";

according to the programme of training masters in specialty, signs of which are placed in the curricula of undergraduate programs, beginning with the second year of study:

8.10010203 - "Agricultural Engineering"

or the field of "Specific categories":

8.18010010 - "Quality, Standardization and Certification";

8.18010018 - "Administrative Management";

8.18010020 - "Academic Institution";

8.18010021 - "Pedagogy of higher school curriculum."

Employment of graduates

Implemented on the leading enterprises of agricultural and environmental complex of Chernihiv Region according to the state ordering of training and enterprises bases of practical training of students.

According to the branch standard of higher education in Ukraine as a result of successful completion of training for EQL "Bachelor", graduates receive the qualification of the Bachelor engineer-mechanic. This makes it possible to take such primary positions: workshop mechanic, technician of station adjusting and testing, mechanic of equipment repair, technician-technologist, technical inspector, technician-designer.

Strategic partners are: Agricultural Co.Ltd "Druzhba-Nova", Co. Ltd.AIC "Magnat", Co. Ltd. "NPP Metekol", Co. Ltd. "KROK-AGRO", Co. Ltd "Zemlya I Volya", JSC "Plant" Niz.



SPECIALTY CODE

6.100101

SCOPE, CREDITS, ECTS

240**Full-time****4****Part-time****4,5**

License amount:

Full-time/Part time - 60/60

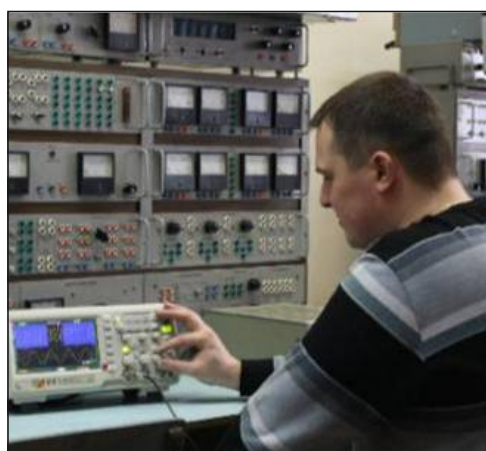
FACULTY

**ELECTRAFICATION AND AUTOMATION
OF AGRICULTURE**

TRAINING COURSE

**ENGINEERING AND ELECTRICAL
SYSTEMS IN AGRICULTURE**

DISCIPLINE

**TECHNOLOGY AND ENERGY OF
AGRICULTURAL PRODUCTION****Annotation of training course**

Students of this field of study acquire abilities and skills in the field of power generation, transmission, distribution of electricity and heat and their use in agricultural production. Experts on Energy and electrical systems in agriculture are able to perform in-process, designing, installation and maintenance tasks. The objects of professional bachelors this field of study is the power plants and substations, power generation systems and networks, electrical facilities and equipment industries, power plants, power stations and systems based on alternative and renewable energy, and so on.

Structure of the curriculum

The curriculum is concluded on the basis of educational and vocational training programs EQL "Bachelor" in speciality 6.100101 "Energy and electrical engineering systems in an agroindustrial complex."

The normative component of the curriculum consists of 3 cycles:

- humanitarian and socio-economic cycle;
- mathematical and natural sciences cycle;
- professional and practical cycle.

total volume of 5688 hours., 158 ECTS credits.

The total time for education and professional program is a complete training period 8640 hours EST5 240 credits.

Curriculum includes:

- execution of 5 coursework (projects) in the following subjects: theoretical foundations of electrical engineering, computers and computer technology, electrical technologies and lighting, basic electricity, heating;
- passing of 4 Practice : educational (the production and processing of agricultural products) and production (electroassembly, operational).

Type of state certification

State certification provides passing the state examination, set for complex of career-oriented disciplines: theoretical foundations of electrical engineering, bases of electricity supply, electrical machinery, heat engineering, theoretical fundamentals of automation, preparing and Bachelor's diploma defence.

Reference subject of diploma projects:

1. Electrification of technological processes on an area from diagnosticating and repair of electrical equipment.
2. Complex system of power supply livestock farms using cogeneration plants.
3. Automation of grain active ventilation for energy saving modes of drying.
4. Development of measures to reduce costs in the power distribution.
5. Energy supply of the farm using helioprofiliv "Teps."
6. Project of reconstruction of the system of power supply and account of electric power.

QUALIFICATION

BACHELOR TECHNICIAN- ELECTRICIAN

SPECIALTY CODE

6.100101

Competencies

Theoretical (in the humanities, social and economic knowledge): basic foundations of philosophy, psychology, pedagogy, contributing to the development of general culture and socialization, exposure to aesthetic values and skills to use them in a professional and social activities.

Basic (in mathematical and natural sciences): knowledge of engineering and computer graphics, computers and computer technology, higher mathematics and applied their use in research and professional activities, preparation of the theoretical foundations of electrical engineering, electrical materials, basic automation to use mathematical tools in solving practical and scientific problems in energy and electrical systems.

Professional and practical: the ability to use professionally profiled knowledge of mathematics for statistical analysis of experimental data and mathematical modeling of electrical equipment and processes, the ability to use professionally profiled knowledge and practical skills in physics, electricity, magnetism, mechanics and thermodynamics to study electromagnetic processes and phenomena the ability to use profiled knowledge and practical skills in chemistry for the study of electrochemical processes and phenomena.

Academic rights of the graduates

Graduates are allowed to continue their studies:

According to the program of training specialists on specialty

7.10010101 - "Energetics of agricultural production";

to the programme of training specialists in specialty, signs of which are placed in the curricula of undergraduate programs, beginning with the second year of study:

8.10010101 - "Energy of agricultural production"

8.10010103 - "Electrification and automation of agriculture" or by specialties straight preparations the "Specific categories":

8.18010010 - "Quality, standardization and certification"

8.18010018 - "Administrative management"

8.18010020 - "Management of educational establishment»

8.18010021 - "Pedagogics of higher school"

Employment of graduates

Employment of graduating students of bachelors takes place in industries of agroindustrial and power complexes after a select profession, in the agricultural enterprises of different patterns of ownership, research establishments of NAS of Ukraine and NAAS of Ukraine. In obedience to the industry standard of higher education of Ukraine as a result of successful completion of studies after OKR "Bachelor" graduating students get qualification of bachelor of technician-electrician. It enables to hold followings primary positions: electrician of area; power engineering specialist; electrician of workshop; electro-controller; electrician of area; power engineering technician-specialist.

Strategic partners are: Educational-scientific and production subdivision of the institute, Co. Ltd "Zemlya I Volya" Bobrovtsa, Agricultural Co. Ltd "Druzhba-Nova" Varva district, PSP "Fortuna" Ichnya district, PSP "Progress", Co. Ltd. "Bat'kivshchyna" Sribne district, Ltd. "Progres" Varva district, SFG "Kolos" Kulikivka, Ltd. And others.



SPECIALTY CODE

6.030601

SCOPE, CREDITS, ECTS

240**Full-time****4****Part-time****4,5**

License amount:

Full-time/Part time - 40/25

FACULTY

ECONOMICS AND MANAGEMENT

SPECIALTY

MANAGEMENT

DISCIPLINE

MANAGEMENT AND ADMINISTRATION

Annotation of training course

The purpose of training specialists in direction "Management" is to provide companies and organizations of environmental management and agribusiness with highly skilled workers of primary level of management departments, operating systems and processes. Qualifications of bachelor in management and manager-administrator allow a graduating student operatively to adapt oneself to the internal economic relations of enterprises and organizations, quickly develop and inculcate the elements of control system, put right and effective system of motivation.

Structure of the curriculum

The curriculum is concluded on the basis of educational and vocational training programs EQL "Bachelor" in speciality "Management."

The normative component of the curriculum consists of 3 cycles:

- humanitarian and socio-economic cycle;
- mathematical and natural sciences cycle;
- professional and practical cycle.

total volume of 4068 hours., 113 ECTS credits.

Selective part of curriculum consists of disciplines after the choice of educational establishment 1944 hours and of the choice of the student 972 hours, the total value 2916 hours, 81 credits of ESTS.

The total time for education and professional program is a complete training period 8640 hours EST5 240 credits.

Curriculum includes:

- execution of 3 coursework (projects) in the following subjects: Economic theory, Economy and finances of enterprises, Agrarian management.
- passing of 8 Practice : educational (Entering into a profession, Technology of production of agricultural goods, Informative systems in a management, Economic analysis, Organization and planning of production), production (Agrarian management, Complex from a profession, before graduating work).

Type of state certification

State attestation foresees writing of diploma work.

Diploma Themes:

1. The financial condition of the agricultural enterprise and ways of its improving.
2. Management of enterprise human resources.
3. Development of farm management system.
4. Agricultural enterprise capital management.
5. Leadership and management styles as strategic changes area in the company.

QUALIFICATION

BACHELOR IN MANAGEMENT, MANAGER-ADMINISTRATOR

SPECIALTY CODE

6.030601

Competencies

Theoretical (in the humanities, social and economic knowledge): foreign language, the ability to criticism and self-criticism, teamwork, interpersonal skills, ability to work with experts from other sectors the economy, the ability to perceive cross-cultural differences and the ability to work in an international environment, commitment to ethical values.

Basic (in mathematical and natural sciences): ability to develop and use mathematical skills, computer skills, ownership information management skills, work skills of modern management methods, the use of legislation, availability of knowledge on technological issues of enterprise capture legal provisions protecting the individual, work, recreation, education, health care, the environment, health and life.

Professional and practical: the ability to govern themselves, to build a clear personal goals, ability to solve problems, the ability to innovate, and the ability to influence others, knowledge of modern management approaches, the ability to control, the ability to train and develop subordinates; ability to form working groups to manage enterprise knowledge of theoretical and practical aspects of decision-making and understanding their impact on the development of both the company and society as a whole, to determine the place of professional managers in the administrative and economic system of the state.

Academic rights of the graduates

Graduates are allowed to continue their studies:
According to the program of training specialists on specialty 7.03060101 - "Management of Organizations and Administration";
to the programme of training masters in specialty, signs of which are placed in the curricula of undergraduate programs, beginning with the second year of study:

- 8.03060101 - "Management and Administration"
- 8.03060104 - "International Management"
- or the field of "Specific categories":
- 8.18010010 - "Quality, Standardization and Certification";
- 8.18010018 - "Administrative Management";
- 8.18010020 - "Academic Institution";
- 8.18010021 - "Pedagogy of higher school curriculum"

Employment of graduates

All graduates are employed in companies and organizations in the agricultural sector and public authorities at the following positions: leaders of production subsections in commercial service, workers of vehicle of central public authorities, workers of vehicle of local public authorities, leaders of other subsections, in other spheres of activity (inspector, depchief department), managers of small enterprises without the apparatus (Vice Chairman), managers of business and management (manager of public relations, advertising manager, HR manager, manager of administration), managers (stewards) in other types of economic activity, economists (economist contract and pretentious works, economist, advisor, consultant on economic issues, a columnist on economic issues, an economist with logistics), assistant managers.

Strategic partners are: Co.Ltd "Druzhba-Nova", Co. Ltd.AIC "Magnat", Co. Ltd. "NPP" Metekol, Co. Ltd. "KROK-AGRO", Co. Ltd "Zemlya I Volya", JSC "Plant" Nizhynsilmas and others.



SPECIALTY CODE

6.030509

SCOPE, CREDITS, ECTS

240**Full-time****4****Part-time****4,5**

License amount:

Full-time/Part time - 30/25

FACULTY

ECONOMICS AND MANAGEMENT

SPECIALTY

ACCOUNTING AND AUDITING

DISCIPLINE

ECONOMICS AND BUSINESS

Annotation of training course

In the direction of "Accounting and audit" are trained professionals focused on in-depth study of the theory and practice of accounting and auditing in the agricultural sector of the economy. An important direction of such training is motivation for independent work, the development of the creative activity of finding effective solutions to the problems studied, acquiring skills to the study of literature.

Structure of the curriculum

The curriculum is concluded on the basis of educational and vocational training programs EQL "Bachelor" in speciality 6.030509 - "Accounting and audit."

The normative component of the curriculum consists of 3 cycles:

- humanitarian;
- natural-scientific and general economic;
- professional and practical cycle.

total volume of 5508 hours., 153 ECTS credits.

Selective part of curriculum consists of 3 cycles of training - humanitarian, natural-scientific and general economic, professional and practical cycle, the total value 3132 hours, 87 credits of ESTS.

The total time for education and professional program is a complete training period 8640 hours EST5 240 credits.

Curriculum includes:

- execution of 3 coursework (projects) in the following subjects: Political Economy, Financial Accounting II, Managerial Accounting.
- passing 5 Practice : education (technology of agricultural production, economics, accounting and financial business), production (primary financial accounting, pre-diploma).

Type of state certification (oriented themes final work)

State certification involves passing the state examination in political economy, microeconomics, macroeconomics, economic history and economic thought and complex state examination in the speciality is as follows, (special courses: Financial Accounting I, Financial Accounting II, Managerial Accounting, Auditing).

QUALIFICATION

BACHELOR IN ACCOUNTING AND AUDIT

SPECIALTY CODE

6.030509

Competencies

Theoretical (in the humanities, social and economic knowledge)

Social: The capacity for understanding, confidence, indifference, compassion, tolerance, the ability to express themselves in their personal and professional lives.

Interpersonal: Ability to criticism and self-criticism, teamwork, interpersonal skills, ability to work with experts from other sectors of the economy, the ability to perceive cross-cultural differences and the ability to work in an international environment, commitment to ethical values;

Creative: Ability individual capacity for successful creative approaches to professional activities.

Basic (in mathematical and natural sciences)

General: the presence of knowledge in the basic sciences, including cycle disciplines of natural science training economic nature: economic and mathematical modeling, business economics, management, marketing, finance, labor economics, social and labor relations, international economics, national economics, regional economics, political economy, microeconomics, macroeconomics, economic history and economic thought, higher mathematics, probability theory and mathematical statistics, computer science.

Generally- practical: the availability of knowledge about the features and principles of operation of businesses in a turbulent relationship factors macro-, meso- and micro-economic place of professional orientation in the system coordinate the successful development of businesses.

Professional and practical

Financial: the presence of knowledge about the monetary flows of the company, optimizing their revenues over time and areas of investment in order to improve the solvency of financial stability and profitability of the enterprise.

Control: availability of knowledge on the implementation of control and analytical functions in the business, ensuring the accuracy and reliability of business operations, ensure that graphics workflow.

Information: ability to organize existing knowledge base, a database of economic information.

Analytical: the presence of knowledge of operational and preventive efficient business operations and decisions, the ability to effectively use instructional techniques and methods of economic analysis to complex estimation problem situations and solve their operational.

Academic rights of the graduates

Graduates are allowed to continue their studies:

According to the program of training specialists on specialty

7.03050901 - "Accounting and Auditing";

to the programme of training masters in specialty, signs of which are placed in the curricula of undergraduate programs, beginning with the second year of study:

8.03060101 - "Accounting and audit"

or the field of "Specific categories":

8.18010010 - "Quality, Standardization and Certification";

8.18010018 - "Administrative Management";

8.18010020 - "Academic Institution";

8.18010021 - "Pedagogy of higher school curriculum"

Employment of graduates

The graduating students can work as.

Chief Accountant, Deputy Chief Accountant, Lead Accountant, Head clerk, Accountant of I category; Accountant II category, accountant, auditor, assistant auditor, Lead auditor, auditor of I category; auditor of II Category, auditor, accountant expert, specialist, accountant, chief auditor, chief cashier, etc.

Strategic partners are: Co. Ltd "Druzhba-Nova", Co. Ltd AIC "Magnat", Co. Ltd. "NPP" Metekol, Co. Ltd. " KROK-AGRO ", Co. Ltd "Zemlya I volya", JSC "Plant



SPECIALTY CODE

7.10010203

SCOPE, CREDITS, ECTS

180**Full-time****1****Part-time****1,5**

License amount:

Full-time/Part time - 50/50

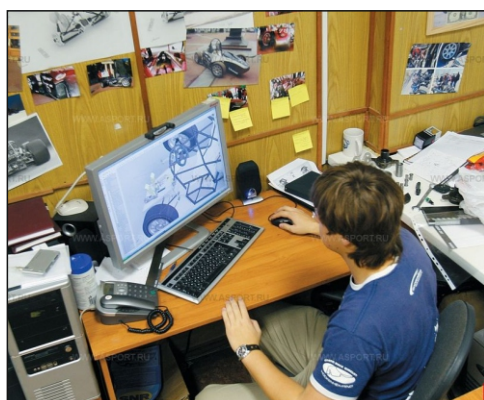
FACULTY

MECHANIZATION OF AGRICULTURAL

SPECIALTY

MECHANIZATION OF AGRICULTURE

DISCIPLINE

**TECHNOLOGY AND ENERGY OF
AGRICULTURAL PRODUCTION**

Annotation of the specialty

Generation and improvement of knowledge, skills and practical skills in Engineering in the field of maintenance of machines and equipment in agricultural production and processing industries based on modern standards of higher education to meet the requirements of European society and education programs for the public and private sectors of economy of Ukraine.

Structure of the curriculum

The curriculum is concluded on the basis of educational and vocational training programs EQL "Specialist" in speciality "Agricultural mechanization."

The normative component of the curriculum consists of cycle of discipline and practical training, total volume of 1260 hours, 35 ECTS credits.

The total time for education and professional program is a complete training period 2160 hours EST5 260 credits (1 year).

Curriculum includes:

- execution of 2 coursework (projects) in the following subjects: "The technology of repair of machines and equipment", "Business planning in agricultural production";
- passing of 2 Practice : maintenance and repair and pre-diploma.

Type of state certification (oriented themes final work)

State certification involves passing the state exam, preparation and defense of diploma project.

Reference subject of diploma projects:

1. Rationale perspective of mechanized production (crop) with the development of a business plan.
2. Justification of complex machines for cultivation (crop)
3. Substantiation of equipment (MTF, pig, sheep) to improve feeding, water system, manure.
4. Improving working conditions in the production processes in animal husbandry.
5. Justification logistics (workshop item MOT) with the development of a business plan.
6. Justification safety measures to prevent accidents and injury to the production processes of technical service.
7. Improving of mechanical process (tillage, sowing, care, harvesting, storage) crops.

QUALIFICATION

ENGINEER-MECHANIC

SPECIALTY CODE

7.10010203

Competencies

Professional and practical:

legislation and law in agriculture, global agricultural manufacturing, maintenance of machinery and equipment in plant, design processes in animal design processes in the manufacturing industry, labor in the field of civil protection, business planning in agricultural technology of repair of machines and equipment, testing agrarian technology, transportation agricultural products, technology Shed products, basic research, logistics, marketing basics, precision farming system.

Academic rights of the graduates

Graduates can continue their studies for Master Programme in the field:

8.10010203 - "Agricultural Engineering"

or by specialities straight preparations the "Specific categories":

8.18010018 - "Administrative management"

8.18010020 - "Management of educational establishment"

8.18010021 - "Pedagogics of higher school"

Employment of graduates

Implemented on the leading enterprises of agricultural and environmental complex of Chernihiv region according to the state ordering of training and enterprises database practical training of students.

Strategic partners are: Educational-scientific and production subdivision, Co. Ltd "Zemlya I Volya" Bobrovtza, Agricultural Co. Ltd "Druzhba-Nova" Varva district, PSP "Fortuna" Ichnya district, PSP "Progress", Co. Ltd. "Bat'kivshchyna" Sribne district, Ltd. "Progres" Varva district, SFG "Kolos" Kulikivka, Ltd. and others. Nizhynsilmasn", agrarian holding "Mriya" and others.



SPECIALTY CODE

7.10010101

SCOPE, CREDITS, ECTS

180**Full-time****1****Part-time****1,5**

License amount:

Full-time/Part time - 50/50

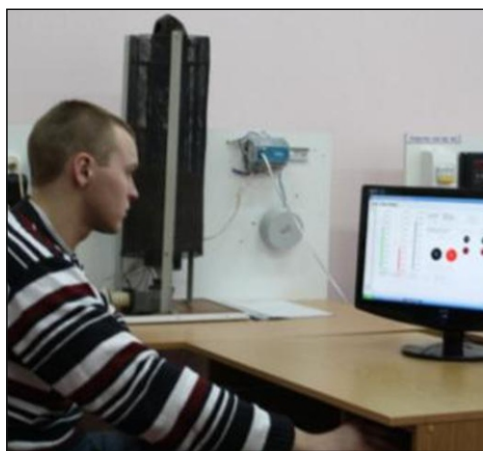
FACULTY

**ELECTRAFICATION AND AUTOMATION
OF AGRICULTURE**

TRAINING COURSE

**ENERGY OF AGRICULTURAL
PRODUCTION**

DISCIPLINE

**TECHNOLOGY AND ENERGY OF
AGRICULTURAL PRODUCTION****Annotation of the specialty**

Students of this specialty acquire abilities and skills in the field of power generation, transmission, distribution of electricity and heat and their use in agricultural production. Experts on energy agriculture are able to perform organizational and managerial, production and engineering, designing, installation and maintenance tasks. The objects of professional activity educational qualification of "Specialist" is the power plants and substations, power generation systems and networks, electrical facilities and equipment industries, power plants, power stations and systems based on alternative and renewable energy, etc.

Structure of the curriculum

The curriculum is concluded on the basis of educational and vocational training programs EQL " Specialist " in speciality 7.10010101 " Power engineering agriculture."

The normative component of the curriculum consists of cycle of discipline and practical training, total volume of 1620 hours., 45 ECTS credits.

Selective part of curriculum consists of disciplines after the choice of educational establishment 612 hours, 15 credits of ESTS.

The total time for education and professional program is a complete training period 2160 hours, 60 ECTScredits.

Curriculum includes:

- execution of coursework (projects) in the discipline : "Design of the systems electrification, automation and energy";
- passing of 2 Practice : the operational maintenance and pre-diploma.

Type of state certification (oriented themes final work)

State certification expects passing the state examination on special disciplines:

electrical technologies in agriculture, automation of technological processes, electro-drive of manufacturing machinery and mechanisms, energy conservation and use of renewed energy sources, labour protection in this branch (electrical safety), preparation and defense of diploma project.

Reference subject of diploma projects:

1. Electrification of technological processes on an area in diagnosing and repair of electrical equipment.
2. Complex system of power supply livestock farms using cogeneration plants.
3. Automation of grain active ventilation for energy saving modes of drying.
4. Development of measures to reduce costs in the power distribution grid 10 kV.
5. Planning of the system of automatic control the caldron of DKVR 10/13.
6. Energy supply of the farm using helioprofiliv «Teps»."
7. The project of regional electric power supply from the perspective of its development.
8. Project of reconstruction of the system of power supply and account of electric power.
9. Research of temperature condition of hogcote and perfection of the system of automatic control of temperature of air.

QUALIFICATION

ENERGY ENGINEER

SPECIALTY CODE

7.10010101

Competencies

Professional and practical:

the ability to use professionally profiled knowledge of mathematics for statistical analysis of experimental data and mathematical modeling of electrical equipment and processes, the ability to use professionally profiled knowledge and practical skills in physics, electricity, magnetism, mechanics and thermodynamics to study electromagnetic processes and phenomena the ability to use profiled knowledge and practical skills in chemistry for the study of electrochemical processes and phenomena.

Academic rights of the graduates

Competences acquired in the learning process

Academic rights of the graduates.

Graduates can continue their studies according to the programme of training of masters in specialties:

- 8.10010101 - "Energy of agricultural production"
- 8.10010103 - "Electrification and automation of agriculture"
- or by specialties straight preparations the "Specific categories":
- 8.18010018 - "Administrative management"
- 8.18010020 - "Management of educational establishment"
- 8.18010021 - "Pedagogics of higher school"

Employment of graduates

Graduates employment is accomplished at the leading enterprises of agroproduction and nature protection complex of Chernihiv region according to the state order of training specialists and enterprise-bases of students practical training.

According to the higher education branch standard in Ukraine, as a result of successful training completion for EQL "Specialist," graduates are qualified as energy engineer. It gives the opportunity to take the following primary positions: the energy engineer, the engineer of mechanization and automation of production processes, the energy engineer in electrification of agricultural enterprises, the engineer-technologist (mechanics), the engineer in ventilation.

Strategic partners are: Educational-scientific and production subdivision, Co. Ltd "Zemlya I Volya" Bobrovtza, Agricultural Co.Ltd"Druzhba-Nova" Varva district, PSP "Fortuna" Ichnya district, PSP "Progress", Co. Ltd. "Bat'kivshchina" Sribne district, Ltd. "Progres" Varva district, SFG "Kolos" Kulikivka, Ltd. and others.



SPECIALTY CODE

7.03060101

SCOPE, CREDITS, ECTS

180**Full-time****1****Part-time****1,5**

License amount:

Full-time/Part time - 30/30

FACULTY

ECONOMICS AND MANAGEMENT

SPECIALTY

MANAGEMENT AND ADMINISTRATION

DISCIPLINE

MANAGEMENT AND ADMINISTRATION

Annotation of the specialty

The purpose of training in "Management and Administration" is to provide companies and organizations environmental management and agribusiness with highly qualified workers of primary level of management departments, operating systems and processes. Qualifications manager-economist can graduate quickly adapt to domestic economic relations of enterprises and organizations to quickly develop and implement elements management system, establish an effective motivating system.

Structure of the curriculum

The curriculum is concluded on the basis of educational and vocational training programs EQL "Specialist" in specialty "Management of organization and administration."

The normative component of the curriculum consists of 2 cycles:

- humanitarian and socio-economic cycle;
- professional and practical cycle.

total volume of 756 hours., 21 ECTS credits.

Selective part of curriculum consists of disciplines after the choice of educational establishment 1162 hours and of the choice of the student 108 hours, the total value 270 hours, 7,5 credits of ESTS.

The total time for education and professional program is a complete training period 2160 hours 60 credits ESTS.

Curriculum includes:

- execution of 1 coursework (projects) in the following subjects: Management of organization
- passing of 2 Practice : educational (complex of specialized disciplines, and pre-diploma)

Type of state certification (oriented themes final work)

State certification expects passing the complex state examination in the specialty (special courses): organizations management, changes management, projects management, quality management) and writings a diplomawork.

Diploma themes:

1. Management of enterprises in crisis situations.
2. Automated informational systems in enterprises management.
3. Organization-administrative mechanism of management by innovated enterprise activity.
4. Strategic planning organization at the enterprise.
5. Planning and organization of manager's work in modern conditions.
6. Strategic control in the system of management by the enterprise.
7. Personnel policy formation of the enterprise.
8. Formation of labor motivation system in the enterprise management.

MANAGER-ECONOMIST

Competencies

Basic:

the ability to develop and use mathematical skills, computer skills, ownership information management skills, skills of work with management practices, the use of legislation, availability of knowledge on technological issues of enterprise, work, leisure, education, health care, environment, health and life.

Professional and practical:

the ability to govern themselves, to build a clear personal goals, ability to solve problems, the ability to innovate, and the ability to influence others, knowledge of modern management approaches, the ability to control, the ability to train and develop subordinates, the ability to form working groups to carry out Management Company, knowledge of the theoretical and practical aspects of decision-making and understanding their impact on the development of both the company and society as a whole, to determine the place of professional managers in the administrative and economic system of the state.

Academic rights of the graduates

Graduates can continue their studies according to the programme of training masters in specialties:

8.03060101 - "Management and Administration"

8.03060104 - "International Management"

or the field of "Specific categories":

8.18010010 - "Quality, Standardization and Certification";

8.18010018 - "Administrative Management";

8.18010020 - "Academic Institution";

8.18010021 - "Pedagogy of higher school curriculum."

Employment of graduates

All graduates are employed in companies and organizations in the agricultural sector and public authorities at the following positions: leaders of production subsections in commercial service, workers of vehicle of central public authorities, workers of vehicle of local public authorities, leaders of other subsections, in other spheres of activity (inspector, depchief department), managers of small enterprises without the apparatus (Vice Chairman), managers of business and management (manager of public relations, advertising manager, HR manager, manager of administration), managers (stewards) in other types of economic activity, economists (economist contract and pretentious works, economist, advisor, consultant on economic issues, a columnist on economic issues, an economist with logistics), assistant managers.

Strategic partners are: Co.Ltd"Druzhba-Nova", Co. Ltd.AIC "Magnat", Co. Ltd."NPP" Metekol, Co. Ltd ." KROK-AGRO ", Co. Ltd "Zemlya I Volya", JSC "Plant" Nizhynsilmash " and others.



SPECIALTY CODE

7.03050901

SCOPE, CREDITS, ECTS

180**Full-time****1****Part-time****1,5**

License amount:

Full-time/Part time - 30/30

FACULTY

ECONOMICS AND MANAGEMENT

SPECIALTY

ACCOUNTING AND AUDITING

DISCIPLINE

ECONOMICS AND BUSINESS

Annotation of the specialty

In the direction of "Accounting and audit" are trained professionals focused on in-depth study of the theory and practice of accounting and auditing in the agricultural sector of the economy. An important direction of such training is motivation for independent work, the development of the creative activity of finding effective solutions to the problems studied, acquiring skills to the study of scientific literature.

Structure of the curriculum

The curriculum is concluded on the basis of educational and vocational training programs EQL "Specialist" in specialty 7.03050901 - "Accounting and audit."

The normative component of the curriculum consists of 1 cycles:

- professional and practical cycle.

total volume of 756 hours., 21 ECTS credits.

Selective part of curriculum consists of disciplines after the choice of educational establishment 486 hours and of the choice of the student 162 hours, the total value 648 hours, 18 credits of ESTS

The total time for education and professional program is a complete training period 2160 hours, 60 ESTS credits.

Curriculum includes:

- passing 2 Practice : education (accounting audition), production (a complex in specialties).

Type of state certification (oriented themes final work)

State attestation foresees writing a diploma work.

Diploma themes:

1. Accounting, analysis and auditing calculation with the budget and extrabudgetary funds.
2. Expenses accounting and cost price calculation of agricultural products.
3. Improving accounting and payments control on fixed agricultural tax.
4. State and ways of the accounting and control improving of indirect taxes at the enterprise.
5. Expenses and profits accounting and analysis from operation activities in the company.
6. The order of formation, accounting, analysis and auditing of the enterprise financial results.
7. Accounting, analysis and auditing entry and sale of ready-made products.

QUALIFICATION

ACCOUNTING AND AUDIT

SPECIALTY CODE

7.03050901

Competencies

Professional and practical: the availability of knowledge about the monetary flows of the company, optimization of revenue over time and areas of investment in order to improve the solvency of financial stability and profitability of the enterprise, the presence of knowledge on the implementation of control and analytical functions in the process of activity, ensure the accuracy and reliability business transactions, the ability to organize existing knowledge base, a database of economic information, the presence of knowledge of operational and preventive efficient business operations and decisions.

Academic rights of the graduates

Graduates can continue their studies according to the programme of training masters in specialty, signs of which are placed in the curricula of undergraduate programs, beginning with the second year of study:

- 8.03050901 - "Accounting and audit"
- or the field of "Specific categories":
- 8.18010010 - "Quality, Standardization and Certification";
- 8.18010018 - "Administrative Management";
- 8.18010020 - "Academic Institution";
- 8.18010021 - "Pedagogy of higher school curriculum."

Chief Accountant, Deputy Chief Accountant, Lead Accountant, Head clerk, accountants of the first category; Accountant II category, accountant, auditor, assistant auditor, Lead auditor, auditor of the first category; auditor II category; auditor, accountant, accountant specialist, head inspector, head cashier, etc.

All graduates are employed in companies and organizations in the agricultural sector and public authorities at the following positions.

Employment of graduates

Strategic partners are: Co.Ltd "Druzhba-Nova", Co. Ltd. AIC "Magnat", Co. Ltd. "NPP" Metekol, Co. Ltd. "KROK-AGRO", Co. Ltd "Zemlya I Volya", JSC "Plant" Nizhynsilmarsh " and others.

