

CURRICULA FOR “BACHELOR”

1.1. General Statements

1.2. Natural-humanitarian Educational-Scientific Institute (ESI)

Pedagogical Faculty

6.010106 – "Social pedagogics"

6.020303 – "Philology (translation)"

1.3. ESI of Plant- Science, Environmental and Biotechnology

Agrobiological Faculty

6.090101 – "Agronomy"

Faculty of Ecology

6.040106 – "Ecology, Environmental Protection and Balanced Nature Management"

Faculty of Biotechnology

6.051401 – "Biotechnology"

1.4. ESI of Stock-Raising and Aquatic Bioresources

- Faculty of Production Technology and Stock-Raising Products Processing

6.090102 – "Technology of Producing and Processing Stock-Raising Products"

- Fish-Breeding Faculty

6.090201 – "Aquatic Bioresources and Aquiculture"

1.5. ESI of Veterinary Medicine and Stock-Raising Products Quality and Safety

Faculty of Veterinary Medicine

6.110101 – "Veterinary Medicine"

1.7. ESI of Forestry and Garden-Park Management

Faculty of Forestry

6.051801 – "Woodworking Technologies"

6.090103 – " Forestry and Garden-Park Management "

Faculty of Garden-Park Management and Landscape Architecture

1.8. ESI of Land Resources and Law

Faculty of Land Management

6.080101 – "Geodesy, Cartography and Land Planning

Faculty of Law

6.030401 – "Law"

1.9. ESI of Business

Faculty of Economics

6.030504 – "Economics of Enterprise"

6.030508 – "Finances and Credit"

6.030509 – "Accounting and Auditing"

Faculty of Agrarian Management

6.030507 – "Marketing"

6.030601 – "Management"

1.10. Technical ESI

Mechanical-Technological Faculty

6.070101 – "Transport Technologies (by Transport types)"

6.100102 – "Processes, Machines and Equipment of Agro-industrial Production"

Faculty of Constructing and Designing Machinery and Appliances of Agriculture and Forestry
6.050503 – "Machine-Building"

1.11. ESI of Energy and Automation

Faculty of Energy and Automation
6.050202 – "Automation and Computer-Integrated Technologies"
6.050701 – "Power Engineering and Power Technologies"
6.100101 – "Energy and Power Engineering Systems in Agro-industrial Complex (AIC)"

1.12. ESI of Quality and Standardization of Food and Food Technologies

Faculty of Quality, Safety, Standardization and Certification of AIC Products
6.051701 – "Food Technologies and Engineering"
Faculty of Plant Protection
6.090105 – "Plant Protection"

1.13. ESI of Dataware and Telecommunication support of Agricultural and Nature Conservative Branches of Economy

Faculty of Computer Sciences and Economical Cybernetics
6.050101 – "Computer Sciences"
6.030502 – "Economical Cybernetics"

1.14. OE NUBIP of Ukraine "The Irpin Economic College"

6.030510 – "Merchandizing and Trade Enterprise"

1.1. General Statements

In the curricula of training Bachelors in accordance with the requirements of standards of higher education of Ukraine disciplines are distributed by the following constituents:

- - normative – by the training cycles:

- humanitarian and socio-economic (humanitarian - for economic specialities). By the rule of the Ministry of Education and Science of Ukraine from 09.07.2009 № 642 "On organization of studying humanitarian disciplines by student's free choice" the Compulsory Component of this cycle embraces the following disciplines: Ukrainian (professional orientation), History of Ukraine, History of Ukrainian Culture, Foreign Language and Philosophy. Other disciplines of the training cycle are the disciplines chosen by students;

- mathematical and natural-scientific (natural-scientific and general-economic – for economic specialities);

- professional and practical (professional – for economic specialities);

- - - selective – by choice of the University and student.

Within one direction the curricula of training Bachelors are common in first three semesters (1,5 academic years). Beginning from the fourth semester (2nd academic year), they differentiate by their selective constituents by attributes of future speciality of master's degree, which allows the graduating students of the Bachelor programs to react flexibly to labour-market changes.

The University foresees possibility for junior specialists to study on the reduced Bachelor programs (two years), if their specialities belong to training direction, whereto a student enters:

6.030401 – "Law";

6.030504 – "Economics of Enterprise";

6.030507 – "Marketing";

6.030508 – "Finances and Credit";

6.030509 – "Accounting and Auditing";

6.030601 – "Management";

6.040106 – "Ecology, Environmental Protection and Balanced Nature Management";

6.050202 – "Automation and Computer-Integrated Technologies";

6.051801 – "Woodworking Technologies";

6.070101 – "Transport Technologies (by the types of transport)";

6.080101 – "Geodesy, Cartography and Land Management";

6.090101 – "Agronomics";

6.090102 – "Technology of Production and Processing Stock-Raising Products";

6.090103 – "Forestry and Garden-Park Management";

6.090105 – "Plant Protection";

6.100101 – "Energy and Power Engineering Systems in Agroindustrial Complex";

6.100102 – "Processes, Machinery and Appliances of Agroindustrial Production";

6.110101 – "Veterinary Medicine".

By the results of entrance tests junior specialists are enrolled as the 1st year students of a separate stream with a reduced period of study (two years) or at the vacant places of the 2nd or 3rd years depending on academic difference in curricula (in this case training is carried out by individual curricula).

1.2. NATURAL-HUMANITARIAN EDUCATIONAL-SCIENTIFIC INSTITUTE

The Institute director is Doctor of Chemical Sciences, Professor **Volodymyr Abramovych Kopilevych**

Tel.: (044) 527-80-99, (044) 527-80-50 e - mail: natural_nni_director@twin.nauu.kiev.ua

Location: educational building № 2, room 24.

The Natural-Humanitarian ESI includes:

Pedagogical Faculty

The Dean is PhD in Engineering Sciences, Associate Professor **Rostyslav Oleksandrovyh Tarasenko**

Tel.: (044) 257 22 10

e - mail: pedagogy_dean@twin.nauu.kiev.ua

Location: educational building № 6, room 218.

The Faculty conducts training for EQL “Bachelor” in the areas:

6.010106 – “Social Pedagogics”

6.020303 – “Philology (Translation Studies)”

Qualification of graduates: – Bachelor in Social Training , Bachelor of Philology

Graduates’ academic rights – can continue their study for the Master’s degree majoring in a relevant area from the curricula of undergraduate programs, beginning with the second year of study.

8.010105 – “Social Pedagogics”

or with specialities of the study area «Specific categories»:

8.000001 – “Quality, Standardization and Certification”

8.000005 – “Pedagogics of Higher School”

8.000007 – “Administrative Management”

Bases of students’ practical studies:

“Social Pedagogics” – educational establishments; houses and centers of children's education and upbringing; services of guardianship and for the underaged; centers of social protection and assistance; centers of employment and job placement.

“Philology (Translation Studies)” – Ukrainian laboratory of quality and safety of AIC products; National scientific center “Institute of Agriculture of the UAAS” in the settlement of Chabany of the Kyiv-Svyatoshyn region of the Kyiv area; Institute of the Hydraulic Engineering and Melioration in Kyiv, the L.Pohorily Ukrainian Scientific-Research Institute of Prognostication and Testing Machinery and Technologies for Agricultural Production in the settlement of Doslidnytske of the Vasytkivsky region of the Kyiv area.

Area of training 6.010106 – “Social Pedagogics”.

Training is carried out in basic institution of the University (Kyiv).

Structure of curriculum for training EQL “Bachelor” for “Social Pedagogics”

The Curriculum is concluded on the basis of educational and vocational training programs EQL “Bachelor” for “Social Pedagogics”.

The compulsory component of the curriculum consists of 3 training cycles: the humanitarian and socio-economic, mathematical and natural-scientific, professional and practical, totaling 5922 hours, 109,5 national credits, 164,5 ECTS credits.

The optional component of the curriculum consists of the Disciplines chosen by the University – 1152 hours, and by students – 1692 hours; totaling 2844 hours, 52,6 national credits, 79 ECTS credits.

The total time by the curriculum makes up 8766 hours, 162,1 national credits, 243,5 ECTS credits.

The curriculum includes:

- writing 5 course projects (works) in: Pedagogics, Social Pedagogics, Social Psychology, Theory and History of Social Education, Technology of Social-Pedagogical Activity, Ethnopsychology;
- 14 practical trainings: educational (acquainting with profession, social-pedagogical, social-pedagogical in rural locality), practical training (socio-pedagogical).

Training period is 4 years.

State certification comprises a state examination, writing and defending a Bachelor's paper.

Curriculum for EQL “Bachelor” in the area “Social Pedagogy”

| Number | Academic Discipline, Practice | Language of Training | Semester | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|---|---|-----------------------------|----------|--------|----------|------|---|
| | | | | Hours | Credits | | |
| | | | | | National | ECTS | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and socio-economic training | | | | | | | |
| 1 | Ukrainian Language (professional orientation) | Ukrainian | 1 | 108 | 2.0 | 3 | Dyachenko L.A. (044) 527-83-69 ukr_chair@twin.nauu.kiev.ua |
| 2 | History of Ukraine | Ukrainian | 1 | 108 | 2.0 | 3 | Kravchenko N.B. (044) 527-81-16 history@twin.nauu.kiev.ua |
| 3 | History of Ukrainian culture | Ukrainian | 1 | 72 | 1.3 | 2 | Pantaliyenko V.V. (044) 527-89-08 culturolog@twin.nauu.kiev.ua |
| 4 | Foreign Language | English German French | 1-4 | 180 | 3.3 | 5 | Olijnyk O.O. (044) 527-81-44 anatolol@ukr.net |
| 5 | Philosophy | Ukrainian | 2-3 | 108 | 2.0 | 3 | Bosenko E.V. (044) 527-81-50 philosopher@twin.nauu.kiev.ua |
| Total for the cycle of humanitarian and socio-economic training | | | | 576 | 10.6 | 16 | |
| Cycle of mathematical and natural-scientific training | | | | | | | |
| 1 | New Informational Technologies | Ukrainian | 3 | 108 | 2 | 3 | Rudyk Ya.M. (044) 257-22-10 teacher_centre@twin.nauu.kiev.ua |
| Two | Fundamentals of Ecology | Ukrainian | 4 | 72 | 1.3 | 2 | Rozputnij M.V. (044) 527-87-65 matrix111@ukr.net |
| 3 | Training Facilities | Ukrainian | 2 | 72 | 1.3 | 2 | Rudyk Ya.M. (044) 257-22-10 teacher_centre@twin.nauu.kiev.ua |
| 4 | Civil Defense | Ukrainian | 8 | 72 | 1.3 | 2 | Kudryavytska A.M. (044) 527-87-65 matrix111@ukr.net |
| 5 | Principles of Personal and Social Safety | Ukrainian | 6 | 126 | 2.3 | 3.5 | Prylypko V.A. (044) 527-87-65 matrix111@ukr.net |
| 6 | Labour Protection | Ukrainian | 7 | 72 | 1.3 | Two | Hnatyuk O.A. (044) 527-82-99 OP_chair@twin.nauu.kiev.ua |
| Total for the cycle of mathematical and natural-scientific training | | | | 522 | 9.5 | 14.5 | |
| | | | | | | | |
| Cycle of professional and practical training | | | | | | | |
| The 1 st subcycle of professional and practical training | | | | | | | |
| 1 | Pedagogy | Ukrainian | 1-3 | 558 | 10.3 | 15.5 | Luzan P.G. (044) 257-22-10 teacher_centre@twin.nauu.kiev.ua |
| 2 | Psychology | Ukrainian | 1-3 | 396 | 7.3 | 11 | Polozenko O.V. (044) 257-22-10 psychology_chair@twin.nauu.kiev.ua |
| 3 | Developmental Physiology and | Ukrainian | 6-7 | 180 | 3.3 | 5 | Tkachenko O.M. (044) 527-82-99 |

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|----|--|-----------|-----|-----|-----|-----|---|
| | School Hygiene | | | | | | olga_tkachenko@ukr.net |
| 4 | Fundamentals of Medical Knowledge | Ukrainian | 2 | 72 | 1.3 | 2 | Prylypko V.A. matrix111@ukr.net (044) 527-87-65 |
| 5 | Valeology | Ukrainian | 2 | 72 | 1.3 | 2 | Prylypko V.A. matrix111@ukr.net (044) 527-87-65 |
| 6 | Logic | Ukrainian | 1 | 54 | 1.0 | 1.5 | Spodin L.A. (044) 527-81-50 philosopher@twin.nauu.kiev.ua |
| 7 | Introduction to Speciality | Ukrainian | 2 | 72 | 1.3 | 2 | Bilan L.L. (044) 257-22-10 teacher_centre@twin.nauu.kiev.ua |
| 8 | Basics of Personal Socialization | Ukrainian | 5-6 | 144 | 2.7 | 4 | Omelchenko L.M. (044) 257-22-10 psychology_chair@twin.nauu.kiev.ua |
| 9 | Social Pedagogy | Ukrainian | 3-4 | 468 | 8.7 | 13 | Satanovska L.A. (044) 257-22-10 teacher_centre@twin.nauu.kiev.ua |
| 10 | Family Education Pedagogy | Ukrainian | 5 | 72 | 1.3 | 2 | Matsenko L.M. (044) 257-22-10 teacher_centre@twin.nauu.kiev.ua |
| 11 | Theory and History of Social Education | Ukrainian | 6 | 144 | 2.7 | 4 | Vasyuk O.V. (044) 257-22-10 teacher_centre@twin.nauu.kiev.ua |
| 12 | Technology of Social and Educational Activities | Ukrainian | 7-8 | 252 | 4.7 | 7 | Teslyuk V.M. (044) 257-22-10 teacher_centre@twin.nauu.kiev.ua |
| 13 | Social Psychology | Ukrainian | 4-5 | 234 | 4.3 | 6.5 | Omelchenko L.M. (044) 257-22-10 psychology_chair@twin.nauu.kiev.ua |
| 14 | Ethics and Psychology of Family Life | Ukrainian | 5-6 | 144 | 2.7 | 4 | Stakhnevych V.I. (044) 257-22-10 psychology_chair@twin.nauu.kiev.ua |
| 15 | Ethics of Social and Educational Activities | Ukrainian | 4 | 90 | 1.7 | 2.5 | Sopivnyk I.V. (044) 257-22-10 teacher_centre@twin.nauu.kiev.ua |
| 16 | Fundamentals of Vocational Work | Ukrainian | 8 | 72 | 1.3 | 2 | Teslyuk V.M. (044) 257-22-10 teacher_centre@twin.nauu.kiev.ua |
| 17 | Fundamentals of Social and Legal Protection | Ukrainian | 4 | 90 | 1.7 | 2.5 | Slyusarenko S.V. lawer_dean@twin.nauu.kiev.ua (044) 257-33-10 |
| 18 | Social and Educational Crime Prevention | Ukrainian | 5 | 144 | 2.7 | 4 | Satanovska L.A. (044) 257-22-10 teacher_centre@twin.nauu.kiev.ua |
| 19 | Ethnopsychology | Ukrainian | 6-7 | 234 | 4.3 | 6.5 | Yashnyk S.V. (044) 257-22-10 psychology_chair@twin.nauu.kiev.ua |
| 20 | History of Social Work | Ukrainian | 7-8 | 144 | 2.7 | 4 | Vasyuk O.V. (044) 257-22-10 teacher_centre@twin.nauu.kiev.ua |
| 21 | Psychological and Pedagogical Foundations of Interpersonal | Ukrainian | 2 | 90 | 1.7 | 2.5 | Nagornyuk O. M. (044) 257-22-10 teacher_centre@twin.nauu.kiev.ua |

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|---|--|-----------|-----|-------------|--------------|--------------|---|
| | Communication | | | | | | |
| 22 | Pathopsychology | Ukrainian | 5 | 126 | 2.3 | 3.5 | Polozenko O.V. (044) 257-22-10 psychology_chair@twin.nauu.kiev.ua |
| 23 | Autodidacticism and Self-Identity | Ukrainian | 8 | 108 | 2.0 | 3 | Luzan P.G. (044) 257-22-10 teacher_centre@twin.nauu.kiev.ua |
| 24 | Social Work in The Field of Leisure | Ukrainian | 7.8 | 144 | 2.7 | 4 | Kovalchuk T.I. (044) 257-22-10 psychology_chair@twin.nauu.kiev.ua |
| 25 | Ecoculture of Personality | Ukrainian | 5 | 72 | 1.3 | 2 | Bilan L.L. (044) 257-22-10 teacher_centre@twin.nauu.kiev.ua |
| 26 | Methods of Tutorship | Ukrainian | 8 | 90 | 1.7 | 2.5 | Matsenko L.M. (044) 257-22-10 teacher_centre@twin.nauu.kiev.ua |
| 27 | Fundamentals of Eloquence | Ukrainian | 7.8 | 144 | 2.7 | 4 | Kruchek V.A. (044) 257-22-10 teacher_centre@twin.nauu.kiev.ua |
| Total for the 1st cycle of professional and practical training | | | | 4410 | 81.7 | 122.5 | |
| The 2nd subcycle of professional and practical training | | | | | | | |
| 1 | Educational (Study of Profession) | Ukrainian | 2 | 9 | 1.7 | 2.5 | Satanovska L.A. (044) 257-22-10 teacher_centre@twin.nauu.kiev.ua |
| 2 | Educational (Social-Educational) | Ukrainian | 4 | 108 | 2.0 | 3 | Vasyuk O.V. (044) 257-22-10 teacher_centre@twin.nauu.kiev.ua |
| 3 | Educational (Social-Educational in Rural Area) | Ukrainian | 4 | 90 | 1.7 | 2.5 | Butsyk I.M. (044) 257-22-10 teacher_centre@twin.nauu.kiev.ua |
| 4 | Practical (Social-Educational) | Ukrainian | 6 | 126 | 2.3 | 3.5 | Vygovska S.V. (044) 257-22-10 teacher_centre@twin.nauu.kiev.ua |
| Total for the 2nd subcycle of professional and practical training | | | | 414 | 7.7 | 11.5 | |
| Total with the cycle of professional and practical training | | | | 4824 | 89.4 | 134 | |
| Total with the compulsory component | | | | 5922 | 109.5 | 164.5 | |
| Optional Component for 8.010105 – “Social Pedagogy” | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| 1 | Fundamentals of Agricultural Production | Ukrainian | 5.7 | 306 | 5.7 | 8.5 | Kononenko V.K. (044) 527-85-55 atghrin@ukr.net |
| 2 | Sociology | Ukrainian | 5 | 72 | 1.3 | 2.0 | Dmytrushko V.M. (044) 527-81-71 politics@twin.nauu.kiev.ua |
| 3 | Culturology | Ukrainian | 1 | 108 | 2.0 | 3.0 | Melnychuk T.F. (044) 527-89-08 culturolog@twin.nauu.kiev.ua |
| 4 | Family-Home Culture and Home Economics | Ukrainian | 1 | 108 | 2.0 | 3.0 | Puzyrenko Y. (044) 527-89-08 culturolog@twin.nauu.kiev.ua |
| 5 | Mathematical Statistics | Ukrainian | 6 | 162 | 3.0 | 4.5 | Sklepova L.I. (044) 527-82-29 superior_chair@twin.nauu.kiev.ua |
| 6 | Comparative | Ukrainian | 6.7 | 144 | 2.7 | 4.0 | Vasyuk O.V. |

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|---|---|-----------|-----|--------------|--------------|--------------|---|
| | Pedagogy | | | | | | (044) 257-22-10 teacher_centre@twin.nauu.kiev.ua |
| 7 | Age and Educational Psychology | Ukrainian | 2 | 126 | 2.3 | 3.5 | Stakhnevych V.I. (044) 257-22-10 psychology_chair@twin.nauu.kiev.ua |
| 8 | Civil Law | Ukrainian | 4 | 126 | 2.3 | 3.5 | Horyslavska I.V. (044) 257-33-10 agrlandeKo@yandex.ru |
| Total for the disciplines of the university's choice | | | | 1 152 | 21.3 | 32 | |
| Disciplines chosen by students | | | | | | | |
| 1 | Basics of Economic Theory | Ukrainian | 5-6 | 216 | 4.0 | 6.0 | Lakishyk O.V. (044) 527-85-32 |
| 2 | Politology | Ukrainian | 4-5 | 144 | 2.7 | 4.0 | Dmitrushko V.M. (044) 527-81-71 politics@twin.nauu.kiev.ua |
| 3 | Religion Studies | Ukrainian | 1 | 72 | 1.3 | 2.0 | Hudina N.M. (044) 527-81-50 philosopher@twin.nauu.kiev.ua |
| 4 | Jurisprudence | Ukrainian | 3-4 | 144 | 2.7 | 4.0 | Duda K.I. (044) 257-33-10 xrustysj@mail.ru |
| 5 | Physical Education | Ukrainian | 1-7 | 378 | 7.0 | 10.5 | Parkhomenko V.K. (044) 527-89-64 sport_chair@twin.nauu.kiev.ua |
| 6 | Agrarian Law | Ukrainian | 3 | 108 | 2.0 | 3.0 | Melnyk V.O. (044) 257-33-10 agrlandeKo@yandex.ru |
| 7 | Labour Law | Ukrainian | 3 | 126 | 2.3 | 3.5 | Kurkova K.M. (044) 257-33-10 agrlandeKo@yandex.ru |
| 8 | Ukrainian Studies | Ukrainian | 4 | 162 | 3.0 | 4.5 | Puzyrenko Ya.V. (044) 527-89-08 culturolog@twin.nauu.kiev.ua |
| 9 | History of Social Work in Foreign Countries | Ukrainian | 7 | 108 | 2.0 | 3.0 | Kubitskiy S.O. (044) 257-22-10 teacher_centre@twin.nauu.kiev.ua |
| 10 | Basics of Gender Pedagogy and Psychology | Ukrainian | 7 | 72 | 1.3 | 2.0 | Stakhnevych V.I. (044) 257-22-10 psychology_chair@twin.nauu.kiev.ua |
| 11 | Documentation Studies | Ukrainian | 4 | 90 | 1.7 | 2.5 | Puzyrenko Ya.V. (044) 527-89-08 culturolog@twin.nauu.kiev.ua |
| 12 | Decorative Floristry | Ukrainian | 1 | 72 | 1.3 | 2.0 | Puzyrenko Ya.V. (044) 527-89-08 culturolog@twin.nauu.kiev.ua |
| Total for the disciplines of the students' choice | | | | 1692 | 31.3 | 47 | |
| Total with the optional component | | | | 2844 | 52.6 | 79 | |
| Total with the area of training | | | | 8766 | 162.1 | 243.5 | |

Tentative topics for Bachelor's projects

1. Work methods of a social educator in a social service on preventing child abuse.
2. Work methods of a social educator at comprehensive school of I-II degrees.
3. Work methods of a social educator at a shelter for street children.
4. Work methods of a social educator with incomplete families on the example of a social service.

5. Methods of interaction of a social educator with class teachers and psychological service employees on example of social service.
6. Work methods of a social educator with disabled children on example of a rehabilitation center.
7. Methods of social and educational activities with adopting families in social service.
8. Work methods of a social educator in social service with children prone to alcoholism.
9. Methods of social and educational activities with drug-addicted children.
10. Methods of social and educational assistance in social service in professional self-determination of youth.

Area of training 6. 020 303 – “Phylology (Translation Studies)”

Training takes place in the basic institution of the University (Kyiv)

The structure of curriculum of training for EQL “Bachelor” in the area “Philology (Translation Studies)”

The Curriculum is concluded on the basis of educational and vocational training programs EQL “Bachelor” for “Philology (Translation Studies)”.

The compulsory component of the curriculum consists of 3 training cycles: the humanitarian and socio-economic, mathematical and natural-scientific, professional and practical, totaling 4554 hours, 84 national credits, 126.5 ECTS credits.

The optional component of the curriculum consists Disciplines chosen by the University – 864 hours, and by students – 2970 hours, totaling 3834 hours, 71,1 national credits, 106.5 ECTS credits.

The total time by the curriculum makes up 8388 hours, 155.2 national credits, 233 ECTS credits.

The curriculum comprises:

- Writing 4 course projects (works) in: Foreign Literature, Translation Studies, Comparative Grammar, Comparative Lexicology.
- 14 practical trainings: practical training (translation trial, teaching practice (part-time training), translation (part-time training).

A number of subjects are taught in English and German.

Training period is 4 years.

State certification comprises a state exam, writing and defending a Bachelor’s paper.

Curriculum for EQL “Bachelor” in the area “Philology (Translation Studies)”

| Number | Academic discipline, practice | Language of Training | Sem ester | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|---|---|-------------------------|--------------|--------|----------|------|---|
| | | | | hours | Credits | | |
| | | | | | National | ECTS | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and socio-economic training | | | | | | | |
| 1 | Ukrainian Language (professional orientation) | Ukrainian | 1 | 108 | 2.0 | 3 | Dyachenko L.A. (044) 527-83-69 ukr_chair@twin.nauu.kiev.ua |
| 2 | History of Ukraine | Ukrainian English | 1 | 108 | 2.0 | 3 | Isakova N.P. (044) 527-81-16 history@twin.nauu.kiev.ua |
| 3 | History of Ukrainian Culture | Ukrainian | 1 | 108 | 2.0 | 3 | Pantaliyenko V.V. (044) 527-89-08 culturolog@ twin.nauu.kiev.ua |
| 4 | Philosophy | Ukrainian | 2 | 72 | 1.3 | 2 | Spodin L.Yu. (044) 527-81-50 Philosopher@twin.nauu.kiev.ua |
| 5 | Physical Training | Ukrainian | 1-4 | 270 | 5 | 7.5 | Parkhomenko V.K. (044) 527-89-64 sport_chair@twin.nauu.kiev.ua |
| Total for the cycle of humanitarian and socio-economic training | | | | 666 | 12.3 | 18.5 | |
| Cycle of mathematical and natural-scientific training | | | | | | | |
| 1 | Fundamentals of Computer Science and Applied Linguistics /Computer Processing of Translation/ | Ukrainian | 1 | 108 | 2 | 3 | Osypova T.Yu. (044) 527-81-99 compute_chair@twin.nauu.kiev.ua |
| 2 | Fundamentals of Ecology and Life Safety | Ukrainian English | 3 | 72 | 1.3 | 2 | Knyazkova T.V. (044) 527-87-65 matrix111@ukr.net |
| 3 | Translation Foundations | English | 2.3 | 144 | 2.7 | 4 | Sydoruk G.I. (044) 527-83-54 si_gal@mail.ru |
| 4 | Latin language | Latin | 1 | 72 | 1.3 | 2 | Grytsenko S.P. (044) 527-83-63 latina_chair@twin.nauu.kiev.ua |
| 5 | Germanic Linguistics Foundations | Ukrainian | 4 | 72 | 1.3 | 2 | * |
| 6 | Modern Ukrainian Literature | Ukrainian | 1 | 72 | 1.3 | 2 | Kiral S.S. (044) 527-83-63 ukr_chair@twin.nauu.kiev.ua |
| 7 | International Protocol and Etiquette | Ukrainian | 2 | 36 | 0.7 | 1 | Puzyrenko Ya.V. (044) 527-89-08 culturolog@twin.nauu.kiev.ua |
| 8 | Aspect Translation of Agricultural Literature | English | 7.8 | 126 | 2.3 | 3.5 | Sydoruk G.I. (044) 527-83-54 si_gal@mail.ru |
| Total for the cycle of mathematical and natural-scientific training | | | | 702 | 13.0 | 19.5 | |
| Cycle of professional and practical training | | | | | | | |
| The 1 st cycle of professional and practical training | | | | | | | |
| 1 | Practical Course of The First Foreign Language | English | 1-8 | 2322 | 43.0 | 64.5 | Nikolenko A.G. (044) 527-83-54 septel@mail.ru |
| 2 | Stylistics of the First Foreign | English | 7 | 72 | 1.3 | 2 | Nikolenko A.G. |

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|---|---|-----------|-----|-------------|-------------|--------------|---|
| | Language | | | | | | (044) 527-83-54 septel@mail.ru |
| 3 | Comparative Lexicology of The First Foreign and Ukrainian Languages | English | 6 | 72 | 1.3 | 2 | Nikolenko A.G. (044) 527-83-54 septel@mail.ru |
| 4 | Comparative Typology of the First Foreign and Ukrainian Languages | English | 8 | 54 | 1.0 | 1.5 | * |
| Total for the 1st subcycle of professional and practical training | | | | 2520 | 46.6 | 70 | |
| The 2nd cycle of professional and practical training | | | | | | | |
| 1 | Practice of Translation and Interpretation | English | 4.8 | 666 | 12.3 | 18.5 | Nikolenko A.G. (044) 527-83-54 septel@mail.ru |
| Total for the 2nd cycle of professional and practical training | | | | 666 | 12.3 | 18.5 | |
| Total with the cycle of professional and practical training | | | | 3186 | 59 | 89 | |
| Total with the compulsory component | | | | 4554 | 84 | 126.5 | |
| Optional component | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| 1 | History of world literature | Ukrainian | 1-2 | 180 | 3.3 | 5 | Grytsenko S.P. (044) 527-83-63 latina_chair@twin.nauu.kiev.ua |
| 2 | Contemporary Literature of The First Foreign Language Country | Ukrainian | 6 | 36 | 0.7 | 1 | * |
| 3 | Practical Grammar of The First Foreign Language | English | 1-5 | 360 | 6.7 | 10 | * |
| 4 | History of The First Foreign Language | English | 4 | 72 | 1.3 | 2 | * |
| 5 | Practical Stylistics of Ukrainian Language and Culture of Speech | Ukrainian | 5 | 54 | 1.0 | 1.5 | * |
| 6 | Scientific and Technical translation | English | 7-8 | 108 | 2.0 | 3 | * |
| 7 | Agrarian Country Study of The First Foreign Language | English | 6 | 54 | 1.0 | 1.5 | * |
| Total for the disciplines of the University's choice | | | | 864 | 16.0 | 24 | |
| Disciplines chosen by students | | | | | | | |
| 1 | Religion Studies | Ukrainian | 2 | 72 | 1.3 | 2 | Hudina N.M. (044) 527-81-50 Philosopher @ twin.nauu.kiev.ua |
| 2 | Logic | Ukrainian | 3 | 36 | 0.7 | 1 | * |
| 3 | Ethics | Ukrainian | 3 | 36 | 0.7 | 1 | * |
| 4 | Aesthetics | Ukrainian | 3 | 36 | 0.7 | 1 | * |
| 5 | Law | Ukrainian | 5 | 90 | 1.7 | 2.5 | * |
| 6 | Economic Theory and Basics of Management and Marketing | Ukrainian | 6 | 108 | 2 | 3 | * |
| 7 | Basics of Psychology and Pedagogy | Ukrainian | 6 | 108 | 2 | 3 | * |
| 8 | Ukrainian and Foreign Culture | Ukrainian | 4 | 108 | 2 | 3 | * |
| 9 | Sociology | Ukrainian | 5 | 72 | 1.3 | 2 | Semchynsky K.V. (044) 527-81-71 politics@twin.nauu.kiev.ua |
| 10 | Politology | Ukrainian | 4 | 108 | 2 | 3 | * |
| 11 | Practical Course of The Second Foreign Language and Translation | German | 2-8 | 1854 | 34.3 | 51.5 | * |
| 12 | Semantic and Stylistic Problems | English | | | | | * |

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|--|---|-----------|---|-------------|--------------|--------------|---|
| | of Translating Scientific-Technical Texts: | | | | | | |
| 12.1 | Cycle of Nature Specialities | English | 7 | 36 | 0.7 | 1 | * |
| 12.2 | Cycle of Technical Specialities | English | 7 | 36 | 0.7 | 1 | * |
| 12.3 | Cycle of Economic Specialities | English | 7 | 36 | 0.7 | 1 | * |
| 12.4 | Cycle of Humanities | English | 7 | 36 | 0.7 | 1 | * |
| 13 | Methods of Teaching Foreign Languages | Ukrainian | 5 | 72 | 1.3 | 2 | * |
| 14 | Translation of business speech and correspondence | English | 8 | 54 | 1.0 | 1.5 | * |
| 15 | Special Course on the Basics of Compiling Scientific-Technical Glossaries | Ukrainian | 8 | 72 | 1.3 | 2 | * |
| Total for the disciplines of the students' choice | | | | 2970 | 55.1 | 82.5 | |
| Total with the optional component | | | | 3834 | 71.1 | 106.5 | |
| Total with the area of training | | | | 8388 | 155.2 | 233 | |

* Training of students for "Philology (translation)" in NULES of Ukraine started on 01.09.2009, therefore subject lecturers are identified in the 1st and 2nd academic semesters.

Tentative topics for Bachelor's projects

1. Lexico-semantic features of English phrasal units of the "Person's emotional condition" thematic group.
2. Ways of translating modern English phrasal verbs of the second-degree metaphorization into Ukrainian.
3. Modern Ukrainian proverbs and ways of their rendering into English.
4. Pragmatic aspects of translating magazine ads.
5. Typology of English passive constructions and features of their translating into Ukrainian.
6. Lexical and syntactic features of translating popular science texts (based on journal articles).
7. Ways of translating terms from English into Ukrainian (based on computer terminology).
8. Specificity of translating political texts from English into Ukrainian.
9. Meaning of gender markers in translating official-business speeches.
10. Problems of translating official documents of the European Council into Ukrainian.

2.3. EDUCATIONAL-SCIENTIFIC INSTITUTE OF PLANT- SCIENCE, ENVIRONMENTAL AND BIOTECHNOLOGY

The Institute director is Doctor of Biological Sciences, Professor Maksim Melnychuk
Tel.: (044) 527-80-21 E-mail: plant_nni_director@twin.nauu.kiev.ua
Location: University building № 4, room 40.

The ESI of Crop and Soil Science includes:

Agrobiological Faculty

The Dean is PhD in Agricultural Sciences, Associate Professor **Igor Antipov**
Tel.: (044) 527-89-67 E-mail: @twin.nauu.kiev.ua
Location: University building № 4, room 41^a

The Faculty conducts training for EQL “Bachelor” in the area:
6.090101 – “Agriculture”

Qualification of graduates: Bachelor, Agronomy Technologist

Graduates’ academic rights – can continue their study for the Master’s degree majoring in a relevant area from the curricula of undergraduate programs, beginning with the second year of study.

8.130102 – “Agriculture”

8.130103 – “Horticulture and Viticulture”

8.130108 – “Crops Selection and Genetics”

or with specialities of the study area «Specific categories»:

8.000001 – “Quality, Standardization and Certification”

8.000005 – “Pedagogics of Higher School”

8.000007 – “Administrative Management”

The Faculty of Ecology

The Dean is PhD in Agricultural Sciences, Associate Professor **Nataliya Myhailivna Ridey**
Tel.: (044) 5278158, 5278089, 2584122 E-mail: n Ridey@mail.ru
Location: educational building № 17, room. 221.

The Faculty conducts training for EQL “Bachelor” in the areas:
6.040106 – “Ecology, Environmental Protection and Nature Balanced Management”

Qualification graduates: Ecologist

The Faculty of Biotechnology

The Dean is PhD in Biological Sciences, Associate Professor **Kolomietz Julya**

6.092903 – “Biotechnology”

Qualification graduates: a Specialist of Biotechnology

Graduates’ academic rights – can continue their study for the Master’s degree majoring in a relevant area from the curricula of undergraduate programs, beginning with the second year of study.

8.070801 – “Ecology and Nature Protection”**8.092903 – “Ecobiotechnology”**

or with specialities of the study area “Specific categories”:

8.000001 – “Quality, Standardization and Certification”**8.000005 – “Pedagogics of Higher School”****8.000007 – “Administrative Management”****The basics of practical study of students:**

NULES of Ukraine “Agrarian Research Station”, NULES of Ukraine “The biggest research-teaching station of Snitynka of O.V.Muzychenko”, NF NULES of Ukraine “Agro-technical Institute of Nizhyn”, NF NULES of Ukraine “Research-Training Station “Komunar”, NF NULES of Ukraine Research-Training Station “Vorzel”, NF NULES of Ukraine “Boyarskaya Forest Experimental Station”, STC of Biology, Ecology of Subtropical Plants and Landscape Science, NVP “Eco-Dnipro”, NVP “Eco-Ukraine”, DP “Ukrainian Research Science and Studying Centre of Standardizations’ Problems, Certification and Quality”, International Ecological Charity Foundation “AGUA-VITAE”, LLC Ecotechnology, “Bio-Test-Laboratory”; PLC “Karalyshi”, LLC “Agroregion”, LLC “Myrgorod Food Plant “Kalynka”, PLC “Gveda”, LLC “GERMES”, “CBC Dnipro”; LLC “Kreoma-Pharm”, “Iceberg”, PLC “Tavria-Agro-Capital”; RISE Agroservice; Lupin Limited “LUPIN”.

Area of training 6.040106 – “Ecology, Environment Protection and Balanced Nature”

Training is carried out in:

- **Basic institution of the University (Kyiv);**
- **NA NULES of Ukraine 1) Berezhansky Agrarian Institute;**
2) Boyarsky College of Environment and Natural Resources

(1 course - short term training course in February - for the Ukrainian group)

The structure of curriculum of training for EQL “Bachelor” in the area “Ecology, Environment Protection and Balanced Nature”

The Curriculum is concluded on the basis of educational and vocational training programs EQL “Bachelor” for "Ecology, environmental protection and balanced nature".

The compulsory component of the curriculum consists of 3 training cycles: the humanitarian and socio-economic, natural and scientific, professional and practical, totaling 4941 hours., 91,5 national credits, 137.25 ECTS credits.

The optional component of the curriculum consists of Bachelor's degree program “Ecology Agricultural Sphere” and “Landscape Ecology: the analysis of ecological situations in terrestrial and aquatic ecosystems" totaling 2601 hours., 48.1 national credits, 72.25 ECTS credits.

The total time by the curriculum makes up 7542 hours., 139.6 national credits, 209.5 ECTS credits.

The curriculum includes:

- writing course projects (works) in: Biology, Chemistry, General Ecology, Environmental Monitoring, Modeling and Forecasting of Environmental Science and Systemology, Environmental Expertise, Radiobiology and Radioecology;
- Taking the general environmental education (in Biology, General Ecology, Soil Science, Geology of the Fundamentals of Geomorphology, Hydrology), special practice in Chemical Analysis and Landscape-ecological practices (Mapping Methods in Ecology, the Basics of Agricultural Ecology, Science and Systemology, Radiobiology and Radiology), research and production workshop and pre-practices.

Training period is 4 years.

Acquiring compulsory and optional components of the curriculum involves learning the basic subjects and specialized disciplines for EQL “Bachelor” in the area “Ecology, Environment Protection and Balanced Nature”. The training is conducted both in Ukrainian and English, which further allows students to choose a Master's program, including research direction “Teaching about the Environment” Master of Environmental Sciences (together with Wageningen University (Netherlands)).

State certification comprises state exam, writing and defending a Bachelor's paper.

Curriculum for EQL “Bachelor” in the area “Ecology, Environmental Protection and Balanced Nature”

| Num ber | Academic Discipline, Practice | Language of Training | Semeste r | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|---|--|-------------------------|--------------|--------|----------|------|---|
| | | | | Hours | Credits | | |
| | | | | | National | ECTS | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and socio-economic training | | | | | | | |
| 1. | Ukrainian language (professional direction) | Ukrainian | 1 | 108 | 2 | 3 | Pankratova O.L. (044) 527 83 63 pankratova@ukr.net |
| 2. | History of Ukraine | Ukrainian | 1 | 108 | 2 | 3 | Kolomiets S.S. Zhyvora S.M (044) 527 81 16 history_chair@twin.nauu.kiev.ua |
| 3. | History of Ukrainian Culture | Ukrainian | 2 | 72 | 1,3 | 2 | Melnychuk T.F. (044) 527 88 12 kafkult3nubip@ukr.net |
| 4. | Foreign language | English | 1-5 | 180 | 3,3 | 5 | Oleinik A.D., Rytikova L.L. (044) 527 81 81 engl_chair@twin.nauu.kiev.ua |
| | | German, French | 1-5 | 180 | 3,3 | 5 | Kolomiets S.S., Pilipenko O.P., Musiychuk S.M. (044) 527 85 95 foren_chair@twin.nauu.kiev.ua |
| 5. | Philosophy | Ukrainian, English | 5 | 108 | 2 | 3 | Kravchenko A.G. (044) 527 82 44 kravch@twin.nauu.kiev.ua Kultenko V.P (044) 527 81 50 kultenko@ukr.net |
| 6. | Physical Education * | Ukrainian | 1-4 | 216 | 4 | 6 | Leonenko N.A. (044) 527 85 12 nubip.edu.ua |
| Total for the cycle of humanitarian and socio-economic training | | | | 576 | 10,6 | 16,0 | |
| Cycle of natural-scientific training | | | | | | | |
| 1. | Higher Mathematics | Ukrainian | 1-2 | 216 | 4 | 6 | Kovtun S.S, (044) 527 82 29 natural_nni_director @ twin / nauu.kiev.ua |
| 2. | Information science and Systemology | Ukrainian, English | 3-4 | 108 | 2 | 3 | Koval V.V. (044) 527 85 07 Rabochaya T.P. (044) 527 81 99 trabocha@mail.ru |
| 3. | Physics | Ukrainian, English | 1 | 108 | 2 | 3 | Posudin Y.I. (044) 527 83 55 posudin@nauu.kiev.ua |
| 4. | Biology I (Botany) | Ukrainian, English | 1 | 54 | 1 | 1,5 | Yakubenko B.E., Tertyshny A.P. (044) 527 82 08 botaniki@bigmir.net |
| 5. | Biology II | Ukrainian | 1 | 54 | 1 | 1,5 | Haychenko V.A., (044) 527 86 31 ingudrov@i.com.ua |

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|---|--|--------------------|-----|-------------|-------------|--------------|--|
| 6. | Biology III (Microbiology and Virology) | Ukrainian, English | 1 | 54 | 1 | 1,5 | Melnychuk M.D. (044) 527 84 30 maksym@nauu.kiev.ua Kolomic Y.V. (044) 527 85 17 julyja@i.ua |
| 7. | Geology of the fundamentals of geomorphology | Ukrainian, English | 2 | 108 | 2 | 3 | Kravchenko Y.S. (044) 527 86 89 kravch@twin.nauu.kiev.ua |
| 8. | Hydrology | Ukrainian, English | 4 | 108 | 2 | 3 | Zapolsky A.K., Rubezhnyak I.G. (044) 527 81 95 rubegnyk@i.ua |
| 9. | Meteorology and Climatology | Ukrainian | 1 | 108 | 2 | 3 | Yarosh A.V. (044) 527 88 47 blakann@ukr.net |
| 10. | Soil science | Ukrainian, English | 3 | 108 | 2 | 3 | Starodubtsev V.M. (044) 04498 3 53 89 vmstarodubtsev@ukr.net Kravchenko Y.S. (044) 527 86 89 kravch@twin.nauu.kiev.ua |
| 11. | General Ecology | Ukrainian, English | 2-3 | 216 | 4 | 6 | Rubezhnyak I.G. (044) 527 86 89 rubegnyk@i.ua Pawluk S.D. (044) 044 98 3 53 89 Bkeipr@mail.ru |
| 12. | Chemistry I (inorganic) | Ukrainian, English | 1 | 81 | 1,5 | 2,3 | Uschapivska T.I. (044) 527 80 95 analyses_chair@twin.nauu.kiev.ua |
| 13. | Chemistry II (bioinorganic) | Ukrainian, English | 2 | 81 | 1,5 | 2,3 | Kopilevych V.A., Lavrik R.V. (044) 527 80 95 analyses_chair@twin.nauu.kiev.ua |
| 14. | Chemistry III (Analytical) | Ukrainian, English | 3 | 81 | 1,5 | 2,3 | Voitenko L.V. (044) 527 80 95 analyses_chair@twin.nauu.kiev.ua |
| 15. | Chemistry IV (organic and bioorganic) | Ukrainian, English | 2 | 81 | 1,5 | 2,3 | Makovetsky V.P., Shaturs'ka Y.P., Pivovarova N.S. (044) 527 88 97 organic_chair@twin.nau.kiev.ua |
| 16. | Chemistry V (Physical and Colloid) | Ukrainian | 3 | 81 | 1,5 | 2,3 | Vovkotrub M.P, Smyk S.Y. (044) 527 88 97 organic_chair@twin.nau.kiev.ua |
| Total for cycle of natural-scientific training | | | | 1944 | 37,5 | 56,25 | |
| Cycle of professional and practical training | | | | | | | |
| 1. | Introduction to speciality | Ukrainian | 4 | 108 | 2 | 3 | Kropyvko S. (044) 04498 3 53 89 bkeipr@mail.ru |
| 2. | Wildness protection | Ukrainian, English | 4 | 108 | 2 | 3 | Haychenko V.A. (044) 527 86 31 ingudrov@i.com.ua |

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| | | | | | | | Bezкровна О.В. (044) 527 81 95 |
| 3. | Safety fundamentals | Ukrainian | 3 | 54 | 1 | 1,5 | Prilipko V.A. (044) 527 87 85 matrix111@ukr.net Kropyvko S. (044) 04498 3 53 89 bkeipr@mail.ru |
| 4. | Landscape Ecology | Ukrainian, English | 4 | 108 | 2 | 3 | Prydatko V.I. (044) 527 81 95 vasylprydatko@yahoo.com Bezкровна О.В. |
| 5. | Technical Ecology | Ukrainian, English | 5 | 108 | 2 | 3 | Mironenko V.G. (044) 527-85-62 melioration_chair@twin.nau u.kiev.ua Rubezhnyak I.G. (044) 527 81 95 rubegnyk@mail.ru |
| 6. | Environmental Safety | Ukrainian | 3 | 162 | 3 | 4,5 | Padun A.O. (044) 527 85 17 a_padun@mail.ru Rozstalnyy V.E. (044) 04498 3 53 89 Bkeipr@mail.ru |
| 7. | Occupational safety and health | Ukrainian | 3 | 54 | 1 | 1,5 | Tsapko V.G. (044) 527 82 99 zapko@mail.ru |
| 8. | Human Ecology | Ukrainian, English | 5 | 108 | 2 | 3 | Prilipko V.A., Knyazkova T.V. (044) 527 87 65 t_knyazkova@mail.ru |
| 9. | Environmental Monitoring | Ukrainian, English | 7 | 270 | 5,0 | 7,5 | Bogolyubov V.M. (044) 527 87 65 volbog@ukr.net |
| 10. | Environmental Law | Ukrainian, English | 8 | 81 | 1,5 | 2,3 | Nakonechna K.V. (044) 527 82 22 asgv.nauu.kiev.ua |
| 11. | Normalization of anthropogenic load | Ukrainian | 4 | 108 | 2 | 3 | Palamarchuk S.P., Rybalko J.V. (044) 527 81 95 spal@i.ua |
| 12. | Environmental Economics | Ukrainian, English | 7 | 108 | 2 | 3 | Rogach S.M. (044) 527 85 75 tender13@ukr.net |
| 13. | Ecology of urban systems | Ukrainian, English | 7 | 216 | 4 | 6 | Zapolskyy A.K., Rubezhnyak I.G. (044) 527 81 95 rubegnyk@i.ua |
| 14. | Modelling and forecasting environmental | Ukrainian, English | 7 | 162 | 3 | 4,5 | Koval V.V. (044) 527 85 07 Yaskovets I.I. (044) 527 81 99 iyaskovets@mail.ru |
| 15. | Ecological Expertise | Ukrainian | 8 | 108 | 2 | 3 | Makarenko N.A. Palamarchuk S.P. (044) 527 81 95 spal@i.ua |
| 16. | Organization of environmental activities | Ukrainian | 8 | 108 | 2 | 3 | Ridey NM, Shofolov D.L. (044) 527 80 89 n Ridei@mail.ru |

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|---|--|--------------------|---|-------------|-------------|---------------|--|
| 17. | Educational Practice (Biology I) | Ukrainian | 2 | 36 | 0,6 | 1,0 | Yakubenko B.E. (044) 5278208 botaniki@bigmir.net |
| 18. | Educational Practice (Biology II) | Ukrainian | 2 | 36 | 0,6 | 1,0 | Haychenko V.A. (044) 527 86 31 ingudrov@i.com.ua |
| 19. | Educational Practice (Biology III) | Ukrainian | 2 | 36 | 0,6 | 1,0 | Kolomiets J.V. (044) 527-85-17 julyja@i.ua |
| 20. | Educational Practice (Soil science) | Ukrainian | 2 | 36 | 0,6 | 1,0 | Starodubtsev V.M. (044) 98 3 53 89 vmstarodubtsev@ukr.net |
| 21. | Exploratory educational practice | Ukrainian | 2 | 36 | 0,6 | 1,0 | Naumovska A.I. (044) 527 81 95 o_naum@i.ua |
| 22. | Educational Practice (Information science and Systemology) | Ukrainian | 4 | 36 | 0,6 | 1,0 | Rabocha T.P. (044) 527 81 99 trabocha@mail.ru |
| 23. | Educational Practice (the basics of geology geomorphology) | Ukrainian | 4 | 36 | 0,6 | 1,0 | Kravchenko, Y.S. (044) 527 86 89 kravch@twin.nauu.kiev.ua |
| 24. | Educational Practice (cartographic methods in ecology) | Ukrainian | 4 | 36 | 0,6 | 1,0 | Ladyka M.M., Berezhnyak E.M. (044) 527 81 95 marina_ladyka@i.ua genybereg1980@mail.ru |
| 25. | Educational Practice (Fundamentals of General Ecology) | Ukrainian | 4 | 36 | 0,6 | 1,0 | Bilera N.M. (044) 527 81 95 Pawluk S.D. (044) 98 3 53 89, bkeipr@mail.ru |
| 26. | Educational Practice (hydrology) | Ukrainian | 4 | 36 | 0,6 | 1,0 | Zapolsky A.K. (044) 527 81 95 o_naum@i.ua |
| 27. | Educational Practice (practical work of chemical analysis) | Ukrainian | 4 | 36 | 0,6 | 1,0 | Kopilevych V.A., Lavrik R.V., Voitenko L.V. (044) 527 80 95 analyses_chair@twin.nauu.kiev.ua |
| 28. | Educational Practice (Radiobiology and Radioecology) | Ukrainian | 6 | 54 | 1,0 | 1,5 | Gudkov I.M. (044) 527 86 31 ingudrov@i.com.ua |
| Total for the cycle of professional and practical training | | | | 2421 | 44,8 | 67,25 | |
| Total with the compulsory component | | | | 4941 | 91,5 | 137,25 | |
| Optional Component for 8.040106 – “Ecology and Environmental Protection” | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| 1. | Computer engineering and programming | Ukrainian, English | 2 | 108 | 2 | 3 | Koval V.V. (044) 527 85 07 Robocha.T.P. (044) 527 81 99 trabocha@mail.ru |
| 2. | Terrestrial ecosystems, and biomonitoring methods | Ukrainian, English | 3 | 108 | 2 | 3 | Rozstalnyy V.E. (044) 527 88 17 Bkeipr@mail.ru Bezprovna O.V. (044) 527 81 95 bezprovna@gmail.com |
| 3. | Methods of measuring | Ukrainian, | 5 | 108 | 2 | 3 | Posudin Y.I. |

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|---|--|--------------------|---|-------------|-------------|-------------|--|
| | environmental parameters | English | | | | | (044) 527 83 55 posudin@nauu.kiev.ua |
| 4. | Radiobiology and Radioecology | Ukrainian, English | 5 | 108 | 2 | 3 | Gudkov I.M., Kashparov V.A. (044) 527 86 31 ingudrov@i.com.ua |
| 5. | Ecological audit and inspection | Ukrainian | 1 | 108 | 2 | 3 | Ridey N.M., (044) 527 80 89 n Ridei@mail.ru Starodubcev V.M. (044) 527 86 31 vmstarodubtsev@ukr.net |
| 6. | Geobazi of ecological information of geomonitoring | Ukrainian, English | 6 | 108 | 2 | 3 | Kokhan S.S. (044) 257 93 87 GIS_chair@twin.nauu.kiev.ua |
| 7. | Forestry and forest landscapes | Ukrainian, English | 3 | 108 | 2 | 3 | Starodubcev V.M. (044) 527 86 31 vmstarodubtsev@ukr.net |
| 8. | Bases of agricultural ecology | Ukrainian, English | 6 | 108 | 2 | 3 | Chayka V.M., Bilera N.M., Ribalko Y.V. (044) 527 81 95 agroeco@twin.nauu.kiev.ua |
| 9. | Bases of ecological chemistry (methods of rendering of facilities of chemistry harmless) | Ukrainian, English | 7 | 108 | 2 | 3 | Maksin V.I. (044) 527 80 95 analyses_chair@twin.nauu.kiev.ua |
| 10. | Guard and use of natural resources of earths | Ukrainian | 7 | 90 | 1,7 | 2,5 | Ermakova T.O. (044) 527 87 65 |
| 11. | Biogeochemistry and chemistry of environment | Ukrainian, English | 8 | 90 | 1,7 | 2,5 | Voytenko L.V. (044) 527 80 95 analyses_chair@twin.nauu.kiev.ua |
| 12. | Ecological passport system of territories and enterprises | Ukrainian | 8 | 108 | 2 | 3 | Ridey N.M. (044) 527 80 89 n Ridei@mail.ru Naumovska O.I. (044) 527 81 95 o Naum@i.ua |
| 13. | Ecological toxicology | Ukrainian | 7 | 108 | 2 | 3 | Kaveckiy S.V. (044) 527 81 95 Kavetskiy@yahoo.com |
| 14. | Family Culture | Ukrainian | 6 | 108 | 2 | 3 | Melnichuk T.F. (044) 527 88 12 kafkult3nubip@ukr.net |
| Total for the disciplines of the University's choice | | | | 1476 | 32,3 | 48,5 | |
| Disciplines chosen by students | | | | | | | |
| 1. | Economic theory | Ukrainian | 3 | 108 | 2 | 3 | Gavrilyuk V.P. (044) 527 82 35 agropolit_chair@kiev.nauu |
| 2. | Political science | Ukrainian | 6 | 108 | 2 | 3 | Cherniy A.M., Kaluga V.F. (044) 527 81 71 polit_centre@twin.nauu.kiev.ua |
| 3. | Sociology | Ukrainian | 6 | 81 | 1,5 | 2,3 | Boyko I.I. (044) 527 81 71 polit_centre@twin.nauu.kiev.ua |
| 4. | Psychology and pedagogics | Ukrainian | 6 | 81 | 1,5 | 2,3 | YashniK S.V. (044) 257 22 10 polit_centre@twin.nauu. |

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|---|---|--------------------|------|------------|-------------|-------------|---|
| | | | | | | | kiev.ua |
| 5. | Jurisprudence | Ukrainian | 5 | 81 | 1,5 | 2,3 | Grischenko I.G. (044) 527 82 66 polit_centre@twin.nauu.kiev.ua |
| Total for the disciplines of the students' choice | | | | 459 | 8,5 | 12,9 | |
| EQL "Bachelor" in the area "Ecology of Agrosphere" | | | | | | | |
| 1. | Ecology of agrosphere (agroecology) | Ukrainian | 5 | 108 | 2 | 3 | Chayka V.M. (044) 527 81 95 agroeco@twin.nauu.kiev.ua Ridey N.M. (044) 527 80 89 n Ridei@mail.ru |
| 2. | Agricultural chemistry (I, II) | Ukrainian | 7 | 108 | 2 | 3 | Bikin A.V., Marchuk I.U. (044) 527 88 17 quality_chair@twin.nauu.kiev.ua |
| 3. | Integrated defence of plants | Ukrainian | 7 | 90 | 1,7 | 2,5 | Dolya M.M., Vigera S.M., (044) 527 82 12 vigera@nauu.kiev.ua |
| 4. | Ecology of wreckers and exciters of illnesses | Ukrainian | 8 | 90 | 1,7 | 2,5 | Chayka V.M. (044) 527 81 95 agroeco@twin.nauu.kiev.ua |
| 5. | The biotechnology in agrosphere | Ukrainian | 8 | 90 | 1,7 | 2,5 | Melnichuk M.D. (044) 527-84-30 maksym@nauu.kiev.ua, Klyachenko O.L. (044) 527 85 17 klyachenko@ukr.net |
| 6. | Production practice | Ukrainian | 6 | 90 | 1,7 | 2,5 | Managers of graduation departments |
| 7. | Pre-graduation practice | Ukrainian | 6, 8 | 144 | 2,6 | 4,0 | Research advisers |
| Total | | | | 720 | 13,3 | 20,0 | |
| EQL "Bachelor" in the area "Landscape Ecology: Analysis of Ecological Situations of Surface and Water Ecosystem" | | | | | | | |
| 1. | Ecological geochemistry | Ukrainian | 8 | 90 | 1,7 | 2,5 | Chayka V.M. (044) 527 81 95 agroeco@twin.nauu.kiev.ua |
| 2. | Landscape ecology I (geomonitoring of environment) | Ukrainian, English | 5 | 54 | 2 | 3 | Kokhan S.S. (044) 257 93 87 GIS_chair@twin.nauu.kiev.ua |
| 3. | Landscape ecology (biomonitoring of ground and water ecosystem) | Ukrainian | 6 | 54 | 2 | 3 | Boyko O.A. (044) 527-84-82 olga_bojko@ukr.net |
| 4. | Biometriya | Ukrainian | 8 | 108 | 2 | 3 | Tarasenko R.O., Kasatkin D.Y. (044) 527 81 99 compute_chaire@twin.nauu.kiev.ua |
| 5. | Ecological control and passport system of water resources | Ukrainian, English | 8 | 90 | 1,7 | 2,5 | Voytenko L.V. (044) 527 80 95 analyses_chair@twin.nauu.kiev.ua |
| 6. | Radioekology analysis of territories of agroenterprise | Ukrainian, English | 8 | 90 | 1,7 | 2,5 | Gudkov I.M., Kashparov V.O. (044) 527 86 31 ingudrov@i.com.ua |
| 8. | Production practice | Ukrainian | 6 | 90 | 1,7 | 2,5 | Heads of University |

| | | | | | | | Departments |
|--|--------------------------|-----------|------|-------------|--------------|--------------|-------------------|
| 9. | Before diplomna practice | Ukrainian | 6, 8 | 144 | 2,6 | 4,0 | Research advisers |
| | Total | | | 720 | 13,3 | 20,0 | |
| Total for the disciplines of the students' choice | | | | 1179 | 21,8 | 32,75 | |
| Total with the optional component | | | | 2601 | 48,1 | 72,25 | |
| Total with the area of training | | | | 7542 | 139,6 | 209,5 | |

* Physical Training is included into the weekly classroom load (30 hours), but it is not an academic credit discipline.

Tentative topics for Bachelor's projects for "Ecology of Agrosphere"

1. An ecological estimation of measures is from optimization of structure of agrospheres.
2. Agroecological analysis of influence of technologies of growing of agricultural cultures.
3. Analysis of measures of ecologization of technologies of receipt of agricultural produce and raw material.
4. Agroecological analysis of the systems of till of soil, fertilizer, defence and biostimulation of plants.
5. Analysis of the state of agrobiovariety measures of their maintainance and recreation.
6. Influence of objects of the agricultural setting is on the ecological state of surface-water.
7. Influence of objects of the agricultural setting is on ecological quality of drinking-water of selitebnikh areas.
8. Influence of superficial flow of agricultural territories on the eutrophication of surface-water and water objects.
9. Ecological examination of the state of superficial and underground waters of agricultural territories.
10. Ecological examination of the state of water ecosystem of agricultural territories.
11. Perfection of methods of the agroecological monitoring of agrosphere.
12. Agroecological analysis of quality of soils of experimental economy.
13. The use of the modern geographic information systems is for the agroecological monitoring of agrobiogeocenoziv.
14. Ecological estimation of biological properties of soils of experimental economy.
15. Ecological estimation of efficiency of measures of utilization of wastes of agricultural production.

Tentative topics for Bachelor's projects for "Landscape Ecology: Analysis of Ecological Situations of Surface and Water Ecosystem"

1. Development of cartographic model of territorial structure in an administrative district and planning of measures
2. Estimation of degree of comfort of terms of vital functions of population in region and development landscape ecological measures on their improvement.
3. Ecological estimation of degree of anthropogenic peretvorenosti of the natural systems of region.
4. Landscape ecological optimization of the systems of the protective forest planting of region.
5. Organization of the systems of the protective forest planting is in agrolandscape of region.
6. Development of the effective systems of the protective forest planting is in the conditions of intensive anthropogenic influence on the landscapes of region.
7. Landscape ecological description of region.
8. Ecological description of agrolandscape of region.
9. Ecological estimation of the state of water resources of region.
10. Ecologo-geochemical research of components of city landscapes.
11. Landscape geochemical estimation of the ecological state of the urbanized territories.

12. Research of natural and anthropogenic factors of forming of ecological properties of selitebnikh landscapes (on the example of city).
13. Medical-ecological estimation of the regional landscape systems.
14. Development of measures is on optimization of reactional nature usege in different landscape regions.
15. Nature protection organization of territory of region on the basis of landscape indicative to approach.
16. The use of GIT is for the estimation of influence of change of climate on the natural habitats of types of indicators (on the example of territorial network of NUBiP of Ukraine of the Kievan area).
17. Ecological analysis of self-potential of region.

Training EQL “Bachelor” with the shorter training period meant for Junior Specialists

Graduates who have received EQL “Junior Specialist” for the area **6.040106 “Ecology, Environment Protection and Balanced Nature”** with the specialization:

5.070803 – “Applied Ecology”

are admitted to training for EQL “Bachelor” with the shorter (two years) training period after passing the entrance examinations in professional disciplines and eliminating differences in academic curricula.

Curriculum for EQL “Bachelor” with the shorter (two years) training period in the area “Ecology, Environment Protection and Balanced Nature” meant for Junior Specialists

| Number | Academic Discipline, Practice | Language of Training | Semester | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|---|---|----------------------|----------|--------|----------|------|--|
| | | | | Hours | Credits | | |
| | | | | | National | ECTS | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and socio-economic training | | | | | | | |
| 1 | Physical education * | Ukrainian | 3-7 | 216 | 4,0 | 6,0 | Leonenko N.O. (044) 527 85 12 nubip.edu.ua |
| Total for the cycle of humanitarian and socio-economic training | | | | 216,0 | 4,0 | 6,0 | |
| Cycle of natural scientific training | | | | | | | |
| 1. | Informatics | Ukrainian | 6 | 108 | 2,0 | 3,0 | Koval V.V., Rabocha T.P. (044) 527 85 07 (044) 527 81 99 trabocha@mail.ru |
| 2. | General ecology | Ukrainian | 3,4 | 216 | 4,0 | 6,0 | Pavlyuk S.D. (044) 98 3 53 89, bkeipr@mail.ru |
| 3. | Biology I (biology, microbiology, virology) | Ukrainian | 5,6 | 162 | 3,0 | 4,5 | Melnichuk M.D. (044) 52 84 30 maksym@nauu.kiev.ua Kolomic' Y.V. (044) 527 85 17, Julia@i.ua |
| 4. | Biology II (genetics) | Ukrainian | 5,6 | 162 | 3,0 | 4,5 | Checheneva T.M. (044) 527 88 32 tchden@rambler.ru |
| 5. | Hydrology | Ukrainian | 3 | 108 | 2,0 | 3,0 | Starodubcev V.M. (044) 98 3 53 89 vmstarodubtsev@ukr.net |
| 6. | Meteorology and climatology | Ukrainian | 3 | 108 | 2,0 | 3,0 | Pavlyuk S.D. (044) 98 3 53 89, bkeipr@mail.ru |
| 7. | Soil science | Ukrainian | 3 | 108 | 2,0 | 3,0 | Starodubtsev V.M. (044) 98 3 53 89 vmstarodubtsev@ukr.net |
| 7 | Pedology | Ukrainian | 3 | 108 | 2,0 | 3,0 | Starodubtsev V.M. (044) 98 3 53 89 vmstarodubtsev@ukr.net |
| 8 | Chemistry I (bioinorganic) | Ukrainian | 5 | 90 | 1,7 | 2,5 | Kopilevych V.A., Lavryk R.V. (044) 527 80 95, |

| | | | | | | | |
|---|---|-----------|-----|-------------|-------------|-------------|--|
| | | | | | | | analyzic_chair@twin.nauu.kiev.ua |
| 9 | Chemistry II (analytical) | Ukrainian | 3 | 108 | 2,0 | 3,0 | Voytenko L.V. (044) 527 80 95 analyzic_chair@twin.nauu.kiev.ua |
| 10 | Chemistry III (organic and bioorganic) | Ukrainian | 6 | 90 | 1,7 | 2,5 | Makovetsky V.P., Shatursky J.P. (044) 527 88 97 organic_chair@twin.nauu.kiev.ua |
| 11 | Chemistry IV (physical and colloidal) | Ukrainian | 6 | 90 | 1,7 | 2,5 | Vovkotrub M.P., Smyk S.J. (044) 527 88 97 organic_chair@twin.nau.kiev.ua |
| Total for the cycle of natural - scientific training | | | | 1350 | 25,1 | 37,5 | |
| Cycle of professional and practical training | | | | | | | |
| 1 | Occurrence to the trade | Ukrainian | 4 | 108 | 2,0 | 3,0 | Kropyvko S.V. (044) 98 3 53 89 Bkeipr@mail.ru |
| 2 | Landscape ecology | Ukrainian | 3 | 108 | 2,0 | 3,0 | Starodubtsev V.M. (044) 98 3 53 89 vmstarodubtsev@ukr.net |
| 3 | Safety of the vital activity | Ukrainian | 3 | 54 | 1,0 | 1,5 | Prylypko V.A. (044) 527 87 85 matrix111@ukr.net Kropyvko S.V. (044) 98 3 53 89 Bkeipr@mail.ru |
| 4 | Technology | Ukrainian | 5 | 108 | 2,0 | 3,0 | Myronenko V.G. (044) 527 85 62 melioration_chair@twin.nauu.kiev.ua |
| 5 | Ecological security | Ukrainian | 3 | 162 | 3,0 | 4,5 | Zapolsky A. K. (044) 527 81 95 Yatsenko S.V. (044) 98 3 53 89, yasvetik2401@mail.ru |
| 6 | Human ecology | Ukrainian | 5 | 108 | 2,0 | 3,0 | Prylypko V.A. (044) 527 87 85 matrix111@ukr.net Pavlyuk S.D. (044) 98 3 53 89, Bkeipr@mail.ru |
| 7 | Environment monitoring | Ukrainian | 5,6 | 270 | 5,0 | 7,5 | Prylypko V.A., Bogolubov V.M., (044) 527 85 87 vobog@ukr.net |
| 8 | Ecological right | Ukrainian | 8 | 81 | 1,5 | 2,3 | Dobrivsky V.G. (044) 98 3 53 89 Bkeipr@mail.ru |
| 9 | Normalization of the anthropogenic load | Ukrainian | 6 | 108 | 2,0 | 3,0 | Palamarchuk S.P., Rybalko J.V. (044) 527 81 95 spal@i.ua |
| 10 | Economy of the management of nature | Ukrainian | 7 | 108 | 2,0 | 3,0 | Rogach S.M. (044) 527 85 75 Tender13@ukr.net |
| 11 | Ecology of the urban systems | Ukrainian | 5 | 216 | 4,0 | 6,0 | Zapolsky A. K. (044) 527 81 95 |

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|---|---|-----------|---|-------------|-------------|-------------|--|
| Total for the cycle of professional and practical training | | | | 1431 | 26,5 | 39,8 | |
| Total with the compulsory component | | | | 2997 | 55,5 | 83,3 | |
| Optional component for 8.070801 – “Ecology and the Environment Security” | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| 1 | Environment Security: | | | 324 | 64,8 | 90,0 | |
| 1.1 | Environment influence assessment | Ukrainian | 3 | 54 | 1,0 | 1,5 | Starodubtsev V.M. (044) 98 3 53 89, vmstarodubtsev@ukr.net Yatsenko S.V. (044) 98 3 53 89, yasvetik2401@mail.ru |
| 1.2 | Environment security and protection | Ukrainian | 3 | 54 | 1,0 | 1,5 | Grygoryuk I.P. (044) 5278430, 5278172 grygoryuk@i.ua Pavlyuk S.D. (044) 98 3 53 89, Bkeipr@mail.ru |
| 1.3 | Ecological audit | Ukrainian | 4 | 54 | 1,0 | 1,5 | Ridey N.M. (044) 527 80 89 n Ridei@mail.ru Pavlyuk S.D. (044) 98 3 53 89, Bkeipr@mail.ru |
| 1.4 | Nature protection control and inspection | Ukrainian | 6 | 54 | 1,0 | 1,5 | Ridey N.M. (044) 527 80 89, n Ridei@mail.ru |
| 1.5 | Biodiversity preservation | Ukrainian | 4 | 54 | 1,0 | 1,5 | Gaychenko V.A. (044) 527 86 31 ingudrov@i.com.ua Tkachenko M.A. (044) 98 3 53 89, Bkeipr@mail.ru |
| 1.6 | Ecological certification of the territories and enterprises | Ukrainian | 5 | 54 | 1,0 | 1,5 | Ridey N.M. (044) 527 80 89 n Ridei@mail.ru Naumovska O.I. (044) 527 81 95, o Naum@i.ua |
| 2 | Balanced Management of Nature: | | | 324 | 6,0 | 9,0 | |
| 2.1 | Conception of the constant development | Ukrainian | 5 | 54 | 1,0 | 1,5 | Prylypko V.A. (044) 527 87 65 matrix111@ukr.net |
| 2.2 | National resources of Ukraine | Ukrainian | 4 | 54 | 1,0 | 1,5 | Starodubtsev V.M. (044) 98 3 53 89, vmstarodubtsev@ukr.net |
| 2.3 | Ecological economy | Ukrainian | 6 | 54 | 1,0 | 1,5 | Rogach S.M. (044) 527 85 75 Tender13@ukr.net |
| 2.4 | Ecological security management | Ukrainian | 4 | 54 | 1,0 | 1,5 | Ridey N.M. Shofolov D.L. (044) 527 80 89, n Ridei@mail.ru |
| 2.5 | Soil recultivation | Ukrainian | 3 | 54 | 1,0 | 1,5 | Starodubtsev V.M. (044) 98 3 53 89, vmstarodubtsev@ukr.net Yatsenko S.V. (044) 98 3 53 89, yasvetik2401@mail.ru |
| 2.6 | Biosphere recreational resources | Ukrainian | 4 | 54 | 1,0 | 1,5 | Starodubtsev V.M. (044) 98 3 53 89, vmstarodubtsev@ukr.net |

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|---|--|-----------|-----|-------------|-------------|--------------|---|
| 3 | Agroecology (ecology of the agrosphere) | Ukrainian | 4 | 108 | 2,0 | 3,0 | Chayka V.M. (044) 527 81 95 agroeco@twin.nauu.kiev.ua Rozstalny V.E . (044) 98 3 53 89, Bkeipr@mail.ru |
| 4 | Scientific activity bases | Ukrainian | 6 | 108 | 2,0 | 3,0 | Grygoryuk I.P. (044) 5278430, 5278172 grygoryuk@i.ua Naumovska O.I. (044) 527 81 95, o_naum@i.ua |
| 5 | Radiobiology and radio-ecology | Ukrainian | 5 | 108 | 2,0 | 3,0 | Gudkov I.M. (044) 527 89 26 ingudrov@i.com.ua |
| 6 | Ecological toxicology | Ukrainian | 6 | 108 | 2,0 | 3,0 | Chayka V.M., Kravetsky S.V., Bilera N.M. (044) 527 81 95 agroeco@twin.nauu.kiev.ua |
| 7 | Ecological examination | Ukrainian | 8 | 108 | 2,0 | 3,0 | Makarenko N.A., Ridey N.M. (044) 527 80 89, n_ridei@mail.ru Palamarchuk S.P., (044) 527 81 95 spal@i.ua |
| Total for the disciplines of the University's choice | | | | 972 | 18,0 | 27,0 | |
| Disciplines chosen by students | | | | | | | |
| 1. | Jurisprudence | Ukrainian | 6 | 81 | 1,5 | 2,3 | Hryshchenko I.G. (044) 527 82 66 polit_centre@twin.nauu.kiev.ua |
| 2. | Foreign language (by the professional direction) | Ukrainian | 5,6 | 270 | 5,0 | 7,5 | Rytikova L.L. (044) 527 81 81 engl_chair@twin.nauu.kiev.ua |
| 3. | Ecological agriculture | Ukrainian | 4 | 108 | 2,0 | 3,0 | Dobrivsky V.G. (044) 98 3 53 89 Bkeipr@mail.ru |
| 4. | Ecological livestock raising | Ukrainian | 4 | 108 | 2,0 | 3,0 | Dobrivsky V.G. (044) 98 3 53 89 Bkeipr@mail.ru |
| 5. | Agrochemistry | Ukrainian | 4 | 108 | 2,0 | 3,0 | Bykin A.V., Marchuk I.U. (044) 527 88 17 quality_chair@twin.nauu.kiev.ua Rozstalny V.E . (044) 98 3 53 89, Bkeipr@mail.ru |
| 6. | Forestry and forest landscapes | Ukrainian | 8 | 108 | 2,0 | 3,0 | Yacenko S.V. (044) 98 3 53 89, yasvetik2401@mail.ru |
| Total for the disciplines of the students' choice | | | | 783 | 14,5 | 21,8 | |
| Total with the optional component | | | | 1755 | 32,5 | 48,75 | |
| Total with the area of training | | | | 4941 | 91,5 | 137,3 | |

* Physical Training is included into the weekly classroom load (30 hours), but it is not an academic credit discipline.

Area of training 6.092903 – “Biotechnology”

Training is carried out in:

- Basic institution of the University (Kyiv).

The structure of curriculum of training for EQL “Bachelor” in the area “Biotechnology”

The Curriculum is concluded on the basis of educational and vocational training programs EQL “Bachelor” for “Biotechnology”.

The compulsory component of the curriculum consists of 3 training cycles: the humanitarian and socio-economic, mathematical and natural-scientific, professional and practical, totaling 4095 hours, 62,0 national credits, 92,9 ECTS credits.

The optional component of the curriculum consists of 2 training cycles: Disciplines chosen by the University and by students from Bachelor’s programs “Ecological Biotechnology” and “Agricultural Biotechnology”, totaling 3346 hours, 62,0 national credits, 92,9 ECTS credits.

The total time by the curriculum makes up 7441 hours, 137, 8 national credits, 206, 7 ECTS credits.

The curriculum includes:

writing course projects (works) in: Biology (Universal Microbiology and Virology), Chemistry, Processes and Devices of Biotechnological Production, Universal (Industrial) Biotechnology, Technologies of Raw Materials and Bioenergetics Production, Control and Management of Biotechnological Processes (Automation of Biotechnological Productions), Economy and Organization of Biotechnological Productions;

practical trainings:

academic: in the Universal Biotechnology, Botany and Medical Planting, Engineering-Computer Graphics, Microbiology And Virology, Environmental Physics, Processes And Devices Of Biotechnological Production, Industrial Biotechnology;

- special practical work in: Chemical Analysis;
- production (Technologic).

Training period is 3 years and 10 months.

State attestation comprises a state examination.

Curriculum for EQL “Bachelor” in the area “Biotechnology”

| Num ber | Academic Discipline, Practice | Language of Training | Semester | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|---|--------------------------------------|-------------------------------------|----------|--------|----------|------|--|
| | | | | Hours | Credits | | |
| | | | | | National | ECTS | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and socio-economic training | | | | | | | |
| 1. | Ukrainian (professional orientation) | Ukrainian | 1 | 108 | 2,0 | 3,0 | Pankratov A.L. (044) 527-83-63 pankratova@ukr.net |
| 2. | History of Ukraine | Ukrainian, English | 2 | 108 | 2,0 | 3,0 | Zhyvora S.M. (044) 527-81-16 zhuvora@ukr.net Pankratov A.L. (044) 527-83-63 pankratova@ukr.net |
| 3. | History of Ukrainian Culture | Ukrainian | 1 | 72 | 1,3 | 2,0 | Melnuchuk T.F. (044) 527 88 12 kafkult3nubip@ukr.net |
| 4. | Foreign language | English German French | 2-4 | 180 | 3,3 | 5,0 | Rytikova L.L. (044) 527-81-81 engl_chair@twin.nauu.kiev.ua Bilichenko A.M. (044) 527-81-81 nes_alla@mail.ru Lyaschenko O.A. (044) 527-81-81 engl_chair@twin.nauu.kiev.ua |
| 5. | Philosophy | Ukrainian, English | 4 | 108 | 2,0 | 3,0 | Kravchenko A.G. (044) 527-82-44 Vermenko A.J. (044) 527-81-50 polit_centre@twin.nauu.kiev.ua |
| 6. | Physical Training * | Ukrainian | 1-4 | 216 | 4 | 6 | Leonenko N.A. (044) 527-85-21 nubip.edu.ua |
| Total for the cycle of humanitarian and socio-economic training | | | | 575 | 10,6 | 16,0 | |
| Cycle of natural-scientific training | | | | | | | |
| 1 | Ecology (professional direction) | Ukrainian English | 2 | 54 | 1 | 1,5 | Chaika V.A. (044) 527-87-90 agroeco@twin.nauu.kiev.ua Bilera N.M. (044) 527-87-90 |

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|---|---|--------------------|------|-------------|-------------|-------------|--|
| | | | | | | | bilera@list.ru |
| 2 | Higher Mathematics | Ukrainian | 1, 2 | 243 | 4,5 | 6,8 | Kovtun S.S. (044) 527-82-29. natural_nni_director@twin.nauu.kiev.ua |
| 3 | Physics | Ukrainian | 1, 2 | 270 | 5,0 | 7,5 | Posudin Y.I., Dr. Sci., (044) 527-83-55 posudin@nauu.kiev.ua |
| 4 | Chemistry I (total and inorganic) | Ukrainian, English | 1 | 216 | 4,0 | 6,0 | Kopilevych V.A., Ushchapivska T.I. (044) 527-80-95 analyses_chair@twin.nauu.kiev.ua |
| 5 | Chemistry II (organic) | Ukrainian, English | 3 | 216 | 4,0 | 6,0 | Makovetsky V.P., Smyk S.M., T.N.Yakubovich (044) 527-88-97 organic_chair@twin.nauu.kiev.ua |
| 6 | Computational Mathematics and Programming | Ukrainian, English | 1 | 162 | 3,0 | 4,5 | Koval V.V. (044) 527 85 07 Garin S.M. (044) 527-81-99 s_garina@ukr.net |
| Total for the cycle of natural-scientific training | | | | 1161 | 21,5 | 32,3 | |
| Cycle of professional and practical training | | | | | | | |
| 1. | Biochemistry | Ukrainian, English | 5 | 216 | 4 | 6 | Grigoruk I.P., Boiko AA, Marchenko O.A. (044) 527 86 99 olga_bojko@ukr.n |
| 2. | Engineering and Computer Graphics | Ukrainian | 1, 2 | 162 | 3,0 | 4,5 | Golub G. (044) 527 85 62 melioration_chair@twin.nauu.kiev.ua |
| 3. | Cell Biology | Ukrainian, English | 1 | 135 | 2,5 | 3,8 | Grigoruk I.P., Boiko A.A Marchenko O.A. (044) 527 70 52 olga_bojko@ukr.net |
| 4. | General Microbiology and Virology (I, II) | Ukrainian, English | 2, 3 | 297 | 5,5 | 8,3 | Melnychuk M.D. (044) 527 84 30 maksym@nauu.kiev.ua Fedelesh Hladynets-M.I (044) 527 70 42 Koshevskyy I.I. (044) 527 70 42, Antipov I.A (044) 527 84 82 |

| | | | | | | | |
|-----|---|-----------------------|------|-----|-----|-----|---|
| | | | | | | | (044) 527 85 17 antigav@rambler.ru |
| 5. | General biotechnology I | Ukrainian, English | 1 | 270 | 5,0 | 7,5 | Melnychuk M.D. (044) 527 84 30 maksym@nauu.kiev.ua Postoenko V.A. (044) 527 85 17 vpostoenko@ukr.net |
| 6. | General Biotechnology II | Ukrainian English | 1 | 270 | 5,0 | 7,5 | Dubrovin V.A. (044) 527 80 91 dubrovin@nauu.kiev.ua V.G. Mironenko (044) 527 85 62 melioration_chair@twin.nauu.kiev.ua |
| 7. | General and Molecular Genetics (I, II) | Ukrainian, English | 2, 3 | 252 | 4,6 | 7 | Starodub N.F. (044) 527 88 32 nikstarodub@yahoo.com Maliyenko V.A. (044) 527 88 32 51267@rambler.ru |
| 8. | Safety and Labour Protection | Ukrainian | 5, 6 | 54 | 1,0 | 1,5 | Prilipko V.A., (044) 527 87 85 matrix111@ukr.net Ermakova T.A (044) 527 87 65 |
| 9. | Biotechnological processes and equipment manufacture | Ukrainian, English | 4 | 324 | 6,0 | 9,0 | Polishchuk V.N. (044) 527 85 62 melioration_chair@twin.nauu.kiev.ua |
| 10. | Monitoring and Control of Biotechnological Processes 1 (fundamentals of electronics and electrical engineering) | Ukrainian | 4 | 108 | 2 | 3 | V.G. Mironenko (044) 527 85 62 melioration_chair@twin.nauu.kiev.ua |
| 11. | Monitoring and Control of Biotechnological Processes (automation of biotechnological production) | Ukrainian | 7 | 108 | 2 | 3 | V.P. Lysenko, Reshetyuk V.M. (044) 527 82 22 Mathem_centre@twin.nauu.kiev.ua |
| 12. | Biotechnological industry (regulatory support biotech industry) | Ukrainian | 3 | 108 | 2 | 3 | Postoenko V.A. (044) 527 85 17 vpostoenko@ukr.net Koshevskyy I.I. (044) 527 70 42 atigav@rambler.ru |
| 13. | Biotechnological industry (Design | Ukrainian | 6 | 108 | 2 | 3 | Polishchuk V.N. (044) 527 85 62 |

| | | | | | | | |
|--|---|-----------|---|-------------|-------------|---------------|--|
| | Principles) | | | | | | svdragnev@rambler.ru |
| 14. | Economics and organization of biotech industry | Ukrainian | 6 | 162 | 3,0 | 4,5 | Gutsul T.A. (044) 527 85 75 gutsul_t06@voliy.cable.com.ua |
| 15. | Educational Practice (Biotechnology General) | Ukrainian | 2 | 72 | 1,3 | 2,0 | Antipov I.A. (044) 527 84 82 (044) 527 85 17 antigav@rambler.ru |
| 16. | Educational Practice (Engineering Graphics) | Ukrainian | 2 | 36 | 0,6 | 1,0 | Golub G.A. (044) 527 85 62 melioration_chair@twin.nauu.kiev.ua |
| 17. | Educational Practice (microbiology and virology) | Ukrainian | 2 | 36 | 0,6 | 1,0 | Fedelesh Hladynets-M.I. (044) 527 70 42 |
| 18. | Educational Practice (Environmental Physics) | Ukrainian | 4 | 36 | 0,6 | 1,0 | Posudin Y.I., Dr. Sci., (044) 527 83 55 posudin@nauu.kiev.ua |
| 19. | Spetspraktykum of chemical analysis | Ukrainian | 4 | 36 | 0,6 | 1,0 | Uschapivska T.I. (044) 527 80 95 analyses_chair@twin.nauu.kiev.ua |
| 20. | Educational Practice (microbiology and virology) | Ukrainian | 4 | 36 | 0,6 | 1,0 | Overchenko V.V. (044) 527 81 95 |
| 21. | Educational Practice (Processes and apparatus biotech industry) | Ukrainian | 4 | 36 | 0,6 | 1,0 | Polishchuk V.M. (044) 527 85 62 melioration_chair@twin.nauu.kiev.ua |
| 22. | Educational Practice (Industrial Biotechnology) | Ukrainian | 8 | 36 | 0,6 | 1,0 | Dubrovin V.O. (044) 527 80 91 dubrovin@nauu.kiev.ua |
| 1. | Educational practice (botany and medicinal plant cultivation) | Ukrainian | 8 | 36 | 0,6 | 1,0 | Yakubenko B.E. (044) 527 82 08 botaniki@bigmir.net |
| Total for the cycle of professional and practical training | | | | 2934 | 54,3 | 81,5 | |
| Total with the compulsory component | | | | 4095 | 75,8 | 113,75 | |
| Optional component for 8.092903 – “Environmental biotechnology” | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| 1. | Sociology | Ukrainian | 4 | 81 | 1,5 | 2,25 | Boyko I.I. (044) 527 81 71 polit_centre@twin.nauu.kiev.ua |
| 2. | Religion | Ukrainian | 2 | 54 | 1 | 1,5 | Chekal L.A. Kultenko V.P. (044) 527 81 50 kultenko@ukr.net |
| 3. | Ethics and aesthetics | Ukrainian | 1 | 54 | 1 | 1,5 | Melnichuk T.F. (044) 527 88 12 kafkult3nubip@ukr.net Voznyuk N.M. |

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|-----|---|-----------------------|------|-----|-----|------|---|
| | | | | | | | (044) 527 87 26 culturolog@twin.nauu.kiev.ua |
| 4. | Jurisprudence | Ukrainian | 4, 7 | 81 | 1,5 | 2,25 | Samoylyuk O.M. (044) 527 85 64 history_chair@twin.nauu.kiev.ua |
| 5. | Politology | Ukrainian | 6 | 81 | 1,5 | 2,25 | Cherniy A.M., Kaluga V.F. (044) 527 81 71 polit_centre@twin.nauu.kiev.ua |
| 6. | Economic theory | Ukrainian | 6 | 108 | 2 | 3 | Gavrilyuk V.P. (044) 527 81 73 agropolit_chair@twin.nauu.kiev.ua |
| 7. | Psychology | Ukrainian | 4 | 81 | 1,5 | 2,25 | Duhitska S.V. (044) 527 81 71 polit_centre@twin.nauu.kiev.ua |
| 8. | Chemistry II (bioinorganic) | Ukrainian, English | 1 | 108 | 2 | 3 | Kapilevich V.A., Uschapivska T.I. (044) 527-80-95 analyses_chair@twin.nauu.kiev.ua |
| 9. | Chemistry III (analytical) | Ukrainian, English | 3 | 108 | 2 | 3 | Voitenko L.V., Uschapivska T.I. (044) 527 80 95 analyses_chair@twin.nauu.kiev.ua |
| 10. | Chemistry IV (physical and colloid) | Ukrainian | 4 | 108 | 2 | 3 | Smyk S.Y. (044) 527 85 57 organic_chair@twin.nauu.kiev.ua |
| 11. | Biophysics and physical methods of analysis | Ukrainian | 4 | 108 | 2 | 3 | Posudin Y.I. (044) 527 83 55 posudin@nauu.kiev.ua |
| 12. | Instrumental methods of analysis in biology (Biotechnology research methods) | Ukrainian | 4 | 81 | 1,5 | 2,25 | Grigoruk I.P. Boyko O.A. (044) 527 84 82 olga_bojko@ukr.net |
| 13. | Chemistry of Biogenic Elements | Ukrainian | 5 | 81 | 1,5 | 2,25 | Panchuk T.K. (044) 527 80 95 analyses_chair@twin.nauu.kiev.ua |
| 14. | Virus Ecology | Ukrainian | 5 | 81 | 1,5 | 2,25 | Melnichuk M.D. (044) 527 84 30 maksym@nauu.kiev.ua |
| 15. | Fundamentals of Plant Biotechnology | Ukrainian, English | 1 | 108 | 2 | 3 | Melnichuk M.D. (044) 527 84 30 maksym@nauu.kiev.ua |
| 16. | Industrial biotechnology | Ukrainian, English | 1 | 108 | 2 | 3 | Dubrovin V.O., Golub G.A. (044) 527 80 91 dubrovin@nauu.kiev.ua |
| 17. | Mathematical modeling and Computer Applications in Biotechnology | Ukrainian | 6 | 81 | 1,5 | 2,25 | Koval V.V., Garina S.M. (044) 527 81 99 s_garina@ukr.net |
| 18. | Biosafety (exploiting biotechnology) | Ukrainian, English | 5 | 81 | 1,5 | 2,25 | Starodub N.F. (044) 527 88 32 nikstarodub@yahoo.com |
| 19. | Bioengineering | Ukrainian | 7 | 135 | 2,5 | 3,8 | Melnichuk M.D. (044) 527 84 30 maksym@nauu.kiev.ua |
| 20. | Foundations of speciality | Ukrainian | 7 | 81 | 1,5 | 2,25 | Starodub N.F. (044) 527 88 32 nikstarodub@yahoo.com Klyachenko O.L. (044) 527 85 17 klyachenko@ukr.net |

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|---|--|-----------------------|---|-------------|-------------|--------------|--|
| 21. | Essentials of Molecular Biology | Ukrainian | 8 | 81 | 1,5 | 2,25 | Melnichuk M.D. (044) 527 84 30 maksym@nauu.kiev.ua Kolomiets Y.V., PhD in Biology, Assoc. (044) 527 85 17 julyja@i.ua |
| 22. | Biology I (Botany) | Ukrainian, English | 1 | 162 | 3 | 4,5 | Yakubenko B.E. Dyadyusha L.P. (044)527 82 08 botaniki@bigmir.net |
| 23. | Biology II (Botany + medicinal plant cultivation) | Ukrainian, English | 1 | 162 | 3 | 4,5 | Yakubenko B.E. Dyadyusha L.P. (044) 527 82 08 botaniki@bigmir.net |
| Total for the disciplines of the University's choice | | | | 2214 | 41,0 | 61,55 | |
| Disciplines chosen by students | | | | | | | |
| Bachelor Program "Environmental Biotechnology" | | | | | | | |
| 1. | Environmental Toxicology | Ukrainian | 7 | 108 | 2 | 3 | Kavetskiy S.V. (044) 527 81 95 Kavetskiy@yahoo.com |
| 2. | Environmental Safety of AIC | Ukrainian | 8 | 108 | 2 | 7 | Padun A.O. (044) 527 81 95 a_padun@mail.ru |
| 3. | Terrestrial ecosystems, and biomonitoring methods | Ukrainian | 7 | 81 | 1,5 | 2,25 | Kropyvko S.V. (044) 983 53 89 bkeipr@mail.ru Bezkravna O.V. (044) 527 81 95 bezkravna@gmail.com |
| 4. | Bioenergy and Bioenergy conversion | Ukrainian | 8 | 108 | 2 | 3 | Zhyrnov V.V. (044) 527 88 47 melioration_chair@twin.nauu.kiev.ua |
| 5. | Technologies of raw materials for bioenergy | Ukrainian | 8 | 162 | 3 | 4,5 | Dubrovin V.O. (044) 527 80 91 dubrovin@nauu.kiev.ua Polishchuk V.M. (044) 527 85 62 melioration_chair@twin.nauu.kiev.ua |
| 6. | Technological practice | Ukrainian | 6 | 144 | 2,6 | 4,0 | Heads of University Departments |
| 7. | Prediploma practice | Ukrainian | 8 | 72 | 1,3 | 2,0 | Managers of graduate projects |
| Total for the disciplines of the students' choice | | | | 783 | 14,5 | 21,75 | |
| Bachelor Program "Agricultural Biotechnology" | | | | | | | |
| 1. | Agricultural Biotechnology | Ukrainian | 8 | 108 | 2 | 3 | Melnichuk M.D. (044) 527 84 30 maksym@nauu.kiev.ua Klyachenko O.L. (044) 527 85 17 klyachenko@ukr.net |
| 2. | Biotechnological processes in agrotechnology | Ukrainian | 7 | 162 | 3 | 4,5 | Polishchuk V.M. (044) 527 85 62 melioration_chair@twin.nauu.kiev.ua |
| 3. | Geo-information technology and environmental indicator | Ukrainian | 8 | 81 | 1,5 | 2,25 | Prydatko V.I. (044) 527 81 95 V.Prydatko@ulrms.org.ua |
| 4. | Biological methods of | Ukrainian | 8 | 108 | 2 | 3 | Yushchenko L.P. |

| | | | | | | | |
|--|--|-----------|---|-------------|--------------|--------------|---|
| | plant protection | | | | | | (044) 527 85 62 melioration_chair@twin.nauu.kiev.ua |
| 5. | Agricultural radiobiology | Ukrainian | 8 | 108 | 2 | 3 | Gudkov I.M., Kashparov V.O. (044) 527 86 31 ingudrov@i.com.ua |
| 6. | Manufacturing (technological) practice | Ukrainian | 6 | 144 | 2,6 | 4,0 | Heads of University Departments |
| 7. | Prediploma practice | Ukrainian | 8 | 72 | 1,3 | 2,0 | Managers of graduate projects |
| Total for the disciplines of the students' choice | | | | 783 | 14,5 | 21,75 | |
| Total for all the disciplines of the students' choice | | | | 1134 | 210,0 | 31,5 | |
| Total with the optional component | | | | 3346 | 62,0 | 92,9 | |
| Total with the area of training | | | | 7441 | 137,8 | 206,7 | |

* Physical Training is included into the weekly classroom load (30 hours), but it is not an academic credit discipline.

Tentative topics for Bachelor's projects

Bachelor's Program "Environmental Biotechnology"

1. Mycropropagation (culture) to create energy plantations
2. Obtaining planting material bezvirusnoho major agricultural crops → hah.
3. Features of molecular diagnostics in-VC in plants.
4. Molecular diagnostics and their use in rapid diagnosis of virus cultures.
5. Hennoinzherni design BSR for bacterial expression of eukaryotic proteins.
6. Analysis of technologies and equipment for the production of biodiesel.
7. Generation of reactive oxygen species by actions and modifiers hraminitsydiv fitotoksychnoyi their actions.
8. Immune leucosis.
9. Between Hennoinzhernerne recombinant protein in a model system E. Coli.
10. Technology Analysis and selection of equipment for the production of biofuels are granules.
11. Analysis of design and functional scheme of the reactor for mixing with the catalyst in methanol plant for producing biodiesel.
12. Development of biotechnological complex for methane fermentation of blue-green algae.
13. Influence of plant components on substrate quality during growth and development edible and medicinal mushrooms of Basidiomycota in biotechnological process.
14. Technology Analysis and selection of equipment for the production of vegetable oil as feedstock to produce diesel fuel.

Bachelor's Program "Agricultural Biotechnology"

1. Biotechnological processes and equipment for the production and use tryho → grams of crops against pests.
2. Biological protection of fruit crops from pests.
3. Biotechnological production process substrates using pasteryzatsiynoyi camera for growing mushrooms.
4. Analysis and selection of equipment for briquetting of biofuels.
5. Technology Analysis and selection of equipment for the production of vegetable oil as feedstock for biofuel production.
6. Justification process layout and selection of equipment for producing biodiesel in agriculture sector.
7. Analysis and selection of equipment technology for biogas production in a farm.
8. Development of biogas reactor for the farm.
9. Development of complex biotech cultivation of mushrooms.
10. Process manufacturing substrate for growing mushrooms.

11. Biotechnological production process compost for growing mushrooms.
12. Biotechnological features and means of settling biological plant protection in industrial production plants.
13. Justification for Trichogramma technology to protect the needs of plants under steppes. Process in tabular heaps of composts for growing mushrooms.

Area of training 6.090101 – “Agriculture”

Training is carried out in:

- **Basic institution of the University (Kyiv);**
- **SA NULES of Ukraine “The Crimean Agrotechnological University”;**
- **OE NULES of Ukraine “The Hraplyvy Zalishchyky Agricultural College”;**
- **OE NULES of Ukraine “Nemishaevo Agrotechnical College”;**
- **OE NULES of Ukraine “The O.Majnova Bobrovitsky College of Economics and Management”;**
- **OE NULES of Ukraine “Mukachevo Agricultural College”.**

The structure of curriculum of training for EQL “Bachelor” in the area “Agriculture”

The Curriculum is concluded on the basis of educational and vocational training programs EQL “Bachelor” for “Agriculture”.

The compulsory component of the curriculum consists of 3 training cycles: the humanitarian and socio-economic, mathematical and natural-scientific, professional and practical, totaling 6156 hours, 114 national credits, 171 ECTS credits.

The optional component of the curriculum consists of 2 training cycles: Disciplines chosen by the University and by students totaling 2700 hours, 50 national credits, 75 ECTS credits.

The total time by the curriculum makes up 8640 hours, 160 national credits, 240 ECTS credits.

The curriculum includes:

- writing 2 course projects (works) in: Soil Science, Plant Growing;
- 16 practical trainings: academic, production, technological.

Training period is 3 years and 8 months.

State certification comprises a state exam, writing and defending a Bachelor’s paper.

Curriculum for EQL “Bachelor” in the area “Agriculture”

| Number | Academic Discipline, Practice | Language of Training | Semester | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|---|---|-------------------------|----------|--------|----------|------|---|
| | | | | Hours | Credits | | |
| | | | | | National | ECTS | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and socio-economic training | | | | | | | |
| 1 | Ukrainian language (professional orientation) | Ukrainian | 1 | 108 | 2 | 3 | Kiral S.S., Dyadechko L.A., Perevalska M.A., (044) 527-83-62 Lingvo-der@ukr.net |
| 2 | History of Ukraine | Ukrainian, English | 1 | 108 | 2 | 3 | Isakova N.P. Kropyvko O.M. (044) 527-81-16 natashaisakova@ya.ru |
| 3 | History of Ukrainian Culture | Ukrainian | 2 | 72 | 1.3 | 2 | Pantaliyenko V.V. Okhrimenko O.V. (044) 527-81-81 notalin4u@mail.ru culturolog@twin.nauu.kiev.ua |
| 4 | Foreign Language | English, German, French | 1-2 | 180 | 3.3 | 5 | Ponomarenko O.T. Pylypenko O.P. Voloshyna G.G. (044) 527-81-81 Pylypenko O.P. (044) 527-85-95 foreign_chair@twin.nauu.kiev.ua |
| 5 | Philosophy | Ukrainian | 2 | 108 | 2 | 3 | Pryjmak O.G., Galushko V.M. (044) 527-83-59 philosopher@twin.nauu.kiev.ua |
| 6 | Physical Training* | Ukrainian, English | 1-4 | 216 | 4.0 | 6.0 | Vladymyrova I.V. (044) 527-85-21 sport_chair@twin.nauu.kiev.ua |
| Total for the cycle of humanitarian and socio-economic training | | | | 576 | 10.6 | 16 | |
| Cycle of mathematical and natural-scientific training | | | | | | | |
| 1 | Botany | Ukrainian, English | 1-2 | 180 | 3.3 | 5 | Yakubenko B.E. Mashkovska S.P. (044) 527-85-76 botaniki@bigmir.net |
| 2 | Higher Mathematics (professional orientation) | Ukrainian | 1 | 90 | 1.7 | 2.5 | Sklepova L.I. Dibrivna E.I. (044) 527-82-29 larysaskl@ukr.net |
| 3 | Physics with Fundamentals of Plant Biophysics | Ukrainian, English | 1 | 108 | 2.0 | 3 | Godlevska O.O. (044) 527-85-72 techphysic_chair @ twin.nauu.kiev.ua |
| 4 | Chemistry (inorganic, | Ukrainian, English | 1 | 108 | 2.0 | 3 | Kosmaty V.E. Panchuk T.K. (044) 527-80-95 analysis_chair @ twin.nauu.kiev.ua |
| | Analytical, | Ukrainian, English | 2 | 72 | 1.3 | 2 | Kosmaty V.E., Panchuk T.K. (044) 527-80-95 |

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|--|---|-----------------------|------|-------------|-------------|-------------|---|
| | | | | | | | analysis_chair @ twin. nauu.kiev.ua |
| | Organic, | Ukrainian, English | 2 | 108 | 2.0 | 3 | Yakubovych T.M. Shatursky Ya.P. (044) 527-88-97 organic_chair @ twin.nauu.kiev.ua |
| | Physical and Colloid) | Ukrainian, English | 3 | 108 | 2.0 | 3 | Vovkotrub M.P., Smyk S.Yu., Mank V.V. (044) 527-88-97 organic_chair @ twin.nauu.kiev.ua |
| 5 | Ecology (professional orientation) | Ukrainian, English | 3 | 90 | 1.7 | 2.5 | Chaika V.M. Smyrnova S.O. (044) 527-81-58 agroeco_chair@twin.nauu.kiev.ua |
| 6 | Radiobiology | Ukrainian, English | 3 | 90 | 1.7 | 2.5 | Gudkov I.M. Hajchenko V.L. (044) 527-89-26 radiobio_chair @ twin.nauu.kiev.ua |
| 7 | Genetics | Ukrainian, English | 4 | 108 | 2.0 | 3 | Chechenyeva T.M. Shavanova K.E. (044) 527-88-32 tchgen@rambler.ru |
| 8 | Plant Physiology | Ukrainian, English | 3 | 162 | 3.0 | 4.5 | Bojko O.A. olga-bojko@ukr.net Balanda O.V. (044) 527-89-66 anatolij@svitonline.com |
| 9 | Computer Science and Engineering | Ukrainian, English | 2 | 108 | 2.0 | 3 | Robocha T.P. Kasatkin D.Yu. (044) 527-81-99 compute_chair@twin.nauu.kiev.ua |
| Total for the cycle of mathematical and natural-scientific training | | | | 1332 | 24.7 | 37.0 | |
| Cycle of professional and practical training | | | | | | | |
| The 1st subcycle of professional and practical training | | | | | | | |
| 1 | Economy and Business, Management | Ukrainian, English | 6 | 90 | 1.7 | 2.5 | Gutsul T.A. (044) 527-85-75 gutsul_t06 @ voliacable.com |
| | | Ukrainian, English | 7 | 90 | 1.7 | 2.5 | Balan O.D. Kovalenko L.P. (044) 527-82-69 balan71@mail.ru |
| 2 | Stockbreeding | Ukrainian, English | 2 | 72 | 1.3 | 2 | Kononenko V.K. Panashenko Yu.O. (044) 527-85-55 feeding_chair @ twin.nauu.kiev.ua |
| 3 | Agro- Meteorology | Ukrainian, English | 2 | 72 | 1.3 | 2 | Yarosh A.V. Krukivska A.V. (044) 527-88-47 BlakAnn@ukr.net |
| 4 | Geodesy and Land Management | Ukrainian, English | 1 | 90 | 1.7 | 2.5 | Olijnyk L.M. (044) 258-05-25 marmeking_chair@twin.nauu.kiev.ua |
| 5 | Soil Studies with the Basics of Geology | Ukrainian English | 2, 3 | 144 | 2.7 | 4 | Balayev A.D. Nesterov G.I. Vitvytsky S.V. (044) 527-86-31 soilscare_chair @ twin . nauu.kiev.ua |

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|----|---|-----------------------|------|-----|-----|-----|--|
| 6 | Phyto-Pharmacology | Ukrainian English | 3 | 90 | 1.7 | 2.5 | Zherebko V.M. Dmytrieva O.E. (044) 527-82-12 plantquarant_chair@twin.nauu.kiev.ua |
| 7 | Agricultural Entomology | Ukrainian, English | 5 | 90 | 1.7 | 2.5 | Pasichnyk L.P. Moroz M.S. Ruban M.B. (044) 527-85-14 entomo_chair@twin.nauu.kiev.ua |
| 8 | Agricultural Phyto-Pathology | Ukrainian, English | 6 | 90 | 1.7 | 2.5 | Pikovsky M.I. Shendryk K.M. Dermenko O.P. (044) 527-87-38 phitopat_chair @ twin . nauu.kiev.ua |
| 9 | Basics of Scientific Research in Agronomy | Ukrainian | 7 | 72 | 1.3 | 2 | Manko Yu.P. Tsyuk O.A. (044) 527-81-18 agriculture_chair@twin.nauu.kiev.ua |
| 10 | Standardization and Plant Production Quality Control | Ukrainian, English | 3 | 108 | 2.0 | 3 | Matsejko L.M. Nasikovsky V.A. Voitsekhivsky V.I. (044) 527-86-76 save_tech_chair@nauu.kiev.ua |
| | Mechanization, Electrification and Automation of Agricultural Production (tractors and cars | Ukrainian, English | 1 | 54 | 1.0 | 1.5 | Shkarivsky G.V. (044) 527-82-15 tractor_chair@twin.nauu.kiev.ua |
| | Agricultural Machines | Ukrainian, English | 4 | 108 | 2.0 | 3 | Havrylyuk G.R. Martyshko V.M. (044) 527-85-37 machine_chair @ twin.nauu.kiev.ua |
| 11 | Mechanization of Manufacturing Processes in Plant Growing, | Ukrainian | 4 | 72 | 1.3 | 2 | Opalko V.G. Demydko M.O. (044) 527-86-32 techserv_chair @ twin . nauu.kiev.ua |
| | Electrification and Automation of Agricultural Production | Ukrainian English | 2 | 54 | 1.0 | 1.5 | Mrachkovskyy A.M. (044) 527-87-89 electrician_chair@twin.nauu.kiev.ua |
| 12 | General Farming | Ukrainian, English | 5, 6 | 198 | 3.7 | 5.5 | Tanchyk S.P. Ivanyuk M.F. (044) 527-81-18 agriculture_chair @ twin . nauu.kiev.ua |
| 13 | Agrochemistry | Ukrainian, English | 5, 6 | 108 | 2.0 | 3 | Mazurkevych L.I. Yashchenko L.A. Gorodnij M.M. (044) 527-88-17 Quality_chair @ twin . nauu.ua |
| 14 | Orcharding | Ukrainian, English | 5 | 108 | 2.0 | 3 | Kumpan K.D. Strelnikov V.O. Silenko V.O. (044) 527-85-59 garden_chair@twin.nauu.kiev.ua |
| 15 | Vegetable | Ukrainian, | 5 | 108 | 2.0 | 3 | Kutovenko V.B. |

| | | | | | | | |
|---|---|--------------------|------|-------------|-------------|-------------|---|
| | Growing | English | | | | | Kotyuk N.V. (044) 527-82-69 agroeco_chair@twin.nauu.kiev.ua |
| 16 | Crop Production | Ukrainian, English | 6, 7 | 198 | 3.7 | 5.5 | Kalenska S.M. Shevchuk O.Ya. (044) 527-86-26 forage_chair@twin.nauu.kiev.ua |
| 17 | Selection and Seedage of Crops | Ukrainian | 7, 8 | 198 | 3.7 | 5.5 | Zhemoyda V.L. Duplyak O.T. (044) 527-85-15 odupljak@yandex.ru |
| 18 | Technology of Crop Storing and Processing | Ukrainian | 8 | 144 | 2.7 | 4 | Rozhko V.I. Skaletska L.F. Podpryatov G.I. (044) 527-86-76 save_tech_chair@nauu.kiev.ua |
| 19 | Principles of Personal and Social Safety | Ukrainian | 2 | 54 | 1.0 | 1.5 | Steblyuk M.I. (044) 527-86-76 agroeco_chair@twin.nauu.kiev.ua |
| 20 | Labour Protection | Ukrainian | 3 | 54 | 1.0 | 1.5 | Sheremet V.O. Tsapko V.G. (044) 527-82-99 OP_chair@twin.nauu.kiev.ua |
| Total for the 1st subcycle of professional and practical training | | | | 2466 | 45.7 | 68.5 | |
| The 2nd subcycle of professional and practical training | | | | | | | |
| 1 | Botany | Ukrainian | 2 | 36 | 0.7 | 1.0 | Mashkovska S.P. (044) 527-82-08 botaniki@bigmir.net |
| 2 | Pedology (Soil Science) | Ukrainian | 4 | 36 | 0.7 | 1.0 | Vitvitsky S.V. Bohdanovych R.P. (044) 527-86-31 soilscare_chair @ twin.nauu.kiev.ua |
| 3 | Agricultural Machinery | Ukrainian | 4 | 36 | 0.7 | 1.0 | Havrylyuk G.R. (044) 527-85-37 machine_chair @ twin.nauu.kiev.ua |
| 4 | Agrochemistry | Ukrainian | 4 | 18 | 0.3 | 0.5 | Mazurkevych L.I. (044) 527-88-17 Quality_chair @ twin.nauu.ua |
| 5 | Technology of Crop Processing and Storage | Ukrainian | 4 | 36 | 0.7 | 1.0 | Bober A.V. (044) 527-86-76 save_tech_chair@nauu.kiev.ua |
| 6 | Orcharding | Ukrainian | 6 | 18 | 0.3 | 0.5 | Kumpan K.D. (044) 527-85-59 garden_chair@twin.nauu.kiev.ua |
| 7 | Vegetable Growing | Ukrainian | 6 | 18 | 0.3 | 0.5 | Kutovenko V.B. (044) 527-82-69 agroeco_chair @ twin. nauu.kiev.ua |
| 8 | Crop Growing | Ukrainian | 5, 6 | 18 | 0.3 | 0.5 | Nidzelsky V.A. (044) 527-86-26 Nid.va @ ukrpost.net |
| 9 | Agriculture (Husbandry) | Ukrainian | 5, 6 | 18 | 0.3 | 0.5 | Tsyuk O.P. (044) 527-81-18 agriculture_chair @ twin.nauu.kiev.ua |
| 10 | Forage Production | Ukrainian | 5, 6 | 18 | 0.3 | 0.5 | Kovbasyuk P.U. (044) 527-85-15 selection_chair@twin.nauu.kiev.ua |

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|---|---|-----------|------|-------------|-------------|-------------|--|
| 11 | Selection and Seedage of Field Crops | Ukrainian | 5, 6 | 36 | 0.7 | 1.0 | Makarchuk O.S. (044) 527-85-15 selection_chair@twin.nauu.kiev.ua |
| 12 | Agricultural Entomology | Ukrainian | 5, 6 | 18 | 0.3 | 0.5 | Pasichnyk L.P. (044) 527-85-14 entomo_chair @ twin . nauu.kiev.ua |
| 13 | Herb Science | Ukrainian | 5, 6 | 18 | 0.3 | 0.5 | Ivanyuk M.F. (044) 527-81-18 agriculture_chair @ twin.nauu.kiev.ua |
| 14 | Agricultural Phyto-Pathology | Ukrainian | 5, 6 | 18 | 0.3 | 0.5 | Pikovsky M.I. (044) 527-87-38 phitopat_chair @ twin.nauu.kiev.ua |
| 15 | Educational (Introductory Agriculture) Practice | Ukrainian | 2, 4 | 162 | 3.0 | 4.5 | |
| 16 | Practical training | Ukrainian | 6 | 414 | 7.7 | 11.0 | |
| Total for the 2nd subcycle of professional and practical training | | | | 918 | 17.0 | 25.5 | |
| Total withr the cycle of professional and practical training | | | | 3384 | 62.7 | 94 | |
| Total with the compulsory component | | | | 4968 | 92 | 138 | |
| Optional component for 8.130101 – “Agrochemistry and Soil Science” | | | | | | | |

| Disciplines chosen by the University | | | | | | | |
|---|--|--------------------|---|-----|-----|-----|---|
| 1 | Remote Sensing | Ukrainian, English | 7 | 72 | 1.3 | 2.0 | Kohan S.S. (044) 527-93-87 GIS_Chair@twin.nauu.kiev.ua |
| 2 | Virology | Ukrainian, English | 7 | 72 | 1.3 | 2.0 | Overchenko V.V. (044) 527-81-95 Antipov IA (044) 527-84-82 antigav@rambler.ru |
| 3 | Harvests Programming | Ukrainian, English | 7 | 72 | 1.3 | 2.0 | Henhalo A.M. (044) 527-87-64 Quality_chair @ twin . nauu.ua |
| 4 | Forage Production | Ukrainian | 7 | 54 | 1.0 | 1.5 | Kovbasyuk P.U. (044) 527-85-15 selection_chair@twin.nauu.kiev.ua |
| 5 | Soil Mapping | Ukrainian, English | 5 | 144 | 2.7 | 4.0 | Kravchenko Yu.S. (044) 527-86-31 soilscare_chair @ twin.nauu.kiev.ua |
| 6 | Physical and Chemical Research Methods | Ukrainian, English | 4 | 144 | 2.7 | 4.0 | Smyk S. Y. (044) 527-85-57 organic_chair @ twin.nauu.kiev.ua |
| 7 | Geology with Fundamentals of Geomorphology | Ukrainian, English | 3 | 108 | 2.0 | 3.0 | Kravchenko Yu.S. (044) 527-86-31 soilscare_chair @ twin.nauu.kiev.ua |
| 8 | Workshop on Analytical Chemistry | Ukrainian, English | 4 | 72 | 1.3 | 2.0 | Abarbarchuk L.M. (044) 527-80-95 analysis_chair@twin.nauu.kiev.ua |
| 9 | Soil Geography | Ukrainian, English | 4 | 126 | 2.3 | 3.5 | Tonkha O.L. (044) 527-89-67 soilscare_chair @ twin.nauu.kiev.ua |
| 10 | Latin Language | Ukrainian | 2 | 54 | 1.0 | 1.5 | Basalayeva O.Yu. (044) 527-87-26 |

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|---|----------------------------------|--------------------|---|-------------|-------------|-------------|--|
| | | | | | | | latina_chair@twin.nauu.kiev.ua |
| 11 | Plant Growing in Hothouses | Ukrainian, English | 4 | 108 | 2.0 | 3.0 | Gavryst I.L. (044) 527-80-67 hothouse_chair@twin.nauu.kiev.ua |
| 12 | Biotechnology | Ukrainian, English | 4 | 72 | 1.3 | 2.0 | Kolomiets Yu.V. (044) 527-85-17 Klyachenko O.L. (044) 527-84-82 klyachenko@ukr.net |
| 13 | Agricultural Microbiology | Ukrainian, English | 4 | 72 | 1.3 | 2.0 | Fedelesh-Hladynets M.I. (044) 527-87-60 agromicrobe_chair@twin.nauu.kiev.ua |
| 14 | Methods of Mathematical Analysis | Ukrainian | 6 | 54 | 1.0 | 1.5 | Tarasenko R.O. (044) 527-85-07 compute_chair@twin.nauu.kiev.ua |
| 15 | Fertilizer Application System | Ukrainian, English | 7 | 108 | 2.0 | 3.0 | Bykin A.V. (044) 527-87-83 Quality_chair@twin.nauu.ua |
| 16 | Methods of Agrochemical Research | Ukrainian, English | 8 | 108 | 2.0 | 3.0 | Makarenko V.M. (044) 527-88-17 Quality_chair@twin.nauu.ua |
| 17 | Production Quality Management | Ukrainian, English | 8 | 108 | 2.0 | 3.0 | Bykin A.V. (044) 527-87-83 Quality_chair@twin.nauu.ua |
| 18 | Land Protection | Ukrainian, English | 8 | 54 | 1.0 | 1.5 | Zabaluyev V.O. (044) 527-86-31 soilscare_chair@twin.nauu.kiev.ua |
| 19 | Geochemistry | Ukrainian, English | 7 | 108 | 2.0 | 3.0 | Pikovska A.V. (044) 527-86-31 soilscare_chair@twin.nauu.kiev.ua |
| 20 | Agrochemistry | Ukrainian, English | 6 | 108 | 2.0 | 3.0 | Gorodnij M.M. (044) 527-88-17 Quality_chair@twin.nauu.ua |
| 21 | Folk Arts | Ukrainian, English | 2 | 72 | 1.3 | 2.0 | Puzyrenko Ya.V. (044) 527-89-08 Kafkult3nubih@ukr.net |
| 22 | Integrated Protection | Ukrainian, English | 7 | 54 | 1.0 | 1.5 | Vyhera S.M. (044) 527-82-12 vigera@nauu.kiev.ua |
| Total for the disciplines of the University's choice | | | | 1926 | 35.7 | 54.0 | |
| Disciplines chosen by students | | | | | | | |
| 1 | Sociology | Ukrainian | 2 | 72 | 1.3 | 2 | Bojko I.I. (044) 527-81-71 politics@twin.nauu.kiev.ua |
| 2 | Politology | Ukrainian | 2 | 72 | 1.3 | 2 | Yatchenko V.F. (044) 527-81-71 politics@twin.nauu.kiev.ua |
| 3 | Psychology | Ukrainian | 2 | 72 | 1.3 | 2 | Polozenko O.V. (044) 257-22-10 psychology_chair@twin.nauu.kiev.ua |
| 4 | Law | Ukrainian | 7 | 90 | 1.7 | 2.5 | Horislavska I.V. Svyatchenko L.O. (044) 257-33-10 Insomnia777@mail.ru |
| 5 | Economic theory | Ukrainian | 3 | 72 | 1.3 | 2 | Panevnyk T.N. (044) 527-82-35 agropolit_chair@twin.nauu.kiev.ua |

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|--|---|------------------|------|-------------|-------------|-------------|---|
| 6 | Family and Domestic Culture | Ukrainian | 6 | 72 | 1.3 | 2 | Puzyrenko Ya.V. (044) 527-89-08 Kafkult3nubih@ukr.net |
| 7 | Military Training | Ukrainian | 5, 6 | 675 | 12.5 | 18.8 | |
| Total for the disciplines of the students' choice | | | | 774 | 14.3 | 21.5 | |
| Total with the optional component | | | | 2700 | 50 | 75 | |
| Total with the area of training | | | | 8640 | 160 | 240 | |
| Optional component for 8.130102 – “Agriculture” | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| 1 | Biological Protection | Ukrainian | 6 | 90 | 1.7 | 2.5 | Yushchenko L.P. (044) 527-88-47 melioration_chair@twin.nauu.kiev.ua |
| 2 | Herb Science | Ukrainian | 4 | 180 | 3.3 | 5 | Manko Yu.P. (044) 527-81-18 agriculture_chair @ twin. nauu.kiev.ua |
| 3 | Harvests Programming | Ukrainian | 7 | 72 | 1.3 | 2 | Mokriyenko V.A. (044) 527-86-26 mokriyenko@ukr.net |
| 4 | Forage Production | Ukrainian | 7 | 180 | 3.3 | 5 | Kovbasyuk P.U. (044) 527-85-15 selection_chair@twin.nauu.kiev.ua |
| 5 | Industrial Crops | Ukrainian | 8 | 108 | 2.0 | 3 | Yunyk A.V. (044) 527-86-26 yunikav@bigmir.net |
| 6 | Apiculture | Ukrainian | 4 | 90 | 1.7 | 2.5 | Polishchuk V.P. (044) 527-80-71 apiculture_chair@twin.nauu.kiev.ua |
| 7 | Agricultural Meloration | Ukrainian | 7 | 108 | 2.0 | 3 | Yarosh A.V. (044) 527-88-47 BlakAnn@ukr.net |
| 8 | Agricultural Virology | Ukrainian | 4 | 108 | 2.0 | 3 | Antipov I.O. (044) 527-84-82 antigav@rambler.ru |
| 9 | Agricultural Zoology | Ukrainian | 4 | 90 | 1.7 | 2.5 | Shkaruba M.G. (044) 527-82-12 plantquarant_chair@twin.nauu.kiev.ua |
| 10 | Latin Language | Ukrainian, Latin | 2 | 72 | 1.3 | 2 | Vakulyk G.G. (044) 527-87-26 latina_chair @ twin.nauu.kiev.ua |
| 11 | Plant Growing in Hothouses | Ukrainian | 4 | 180 | 3.3 | 5 | Tsyz O.M. (044) 527-80-67 hothouse_chair @ twin.nauu.kiev.ua |
| 12 | Biotechnology | Ukrainian | 4 | 108 | 2.0 | 3 | Klyachenko O.L. (044) 527-85-17 klyachenko@ukr.net |
| 13 | Agricultural Microbiology | Ukrainian | 4 | 90 | 1.7 | 2.5 | Koshevsky I.I. (044) 527-87-60 agromicrobe_chair@twin.nauu.kiev.ua |
| 14 | Crop Growing | Ukrainian | 5 | 180 | 3.3 | 5 | Nidzelsky V.A. (044) 527-86-26 Nid.va@ukrpost.net |
| 15 | Technology of Crop Storing and Processing | Ukrainian | 7 | 90 | 1.7 | 2.5 | Rozhko V.I. (044) 527-86-76 save_tech_chair@nauu.kiev.ua |
| 16 | Folk Arts | Ukrainian | 2 | 72 | 1.3 | 2 | Puzyrenko Ya.V. (044) 527-89-08 Kafkult3nubih@ukr.net |

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|---|---|-----------|------|-------------|-------------|-------------|--|
| 17 | Basics of Crop Production Merchandising | Ukrainian | 3 | 72 | 1.3 | 2 | Zavgorodnij V.M. (044) 527-86-76 save_tech_chair@nauu.kiev.ua |
| Total for the disciplines of the University's choice | | | | 1926 | 35.7 | 53.5 | |
| Disciplines chosen by students | | | | | | | |
| 1 | Sociology | Ukrainian | 2 | 72 | 1.3 | 2 | Bojko I.I. (044) 527-81-71 politics@twin.nauu.kiev.ua |
| 2 | Politology | Ukrainian | 2 | 72 | 1.3 | 2 | Yatchenko V.F. (044) 527-81-71 politics@twin.nauu.kiev.ua |
| 3 | Psychology | Ukrainian | 2 | 72 | 1.3 | 2 | Polozenko O.V. (044) 257-22-10 psychology_chair@twin.nauu.kiev.ua |
| 4 | Law | Ukrainian | 7 | 90 | 1.7 | 2.5 | Horislavska I.V. Svyatchenko L.A. (044) 257-33-10 Insomnia777@mail.ru |
| 5 | Economic Theory | Ukrainian | 3 | 72 | 1.3 | 2 | Panevnyk T.N. (044) 527-82-35 agropolit_chair@twin.nauu.kiev.ua |
| 6 | Family and Domestic Culture | Ukrainian | 6 | 72 | 1.3 | 2 | Puzyrenko Ya.V. (044) 527-89-08 Kafkult3nubih@ukr.net |
| 7 | Military Training | Ukrainian | 5, 6 | 675 | 12.5 | 18.8 | |

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|--|-------------|-------------|-------------|--|
| Total for the disciplines of the students' choice | 774 | 14.3 | 21.5 | |
| Total with the optional component | 2700 | 50 | 75 | |
| Total with the area of training | 8640 | 160 | 240 | |

| Optional Component for 8.130103 – “Horticulture and Viticulture” | | | | | | | |
|---|--------------------------------------|-----------|------|-----|-----|-----|---|
| Disciplines chosen by the University | | | | | | | |
| 1 | Apiculture | Ukrainian | 4 | 72 | 1.3 | 2.0 | Holovetsky I.I. (044) 527-80-71 apiculture_chair@twin.nauu.kiev.ua |
| 2 | Microbiology with Basics of Virology | Ukrainian | 4 | 90 | 1.7 | 2.5 | Borodaj V.V. (044) 527-87-60 agromicrobe_chair@twin.nauu.kiev.ua |
| 3 | Fruit Selection | Ukrainian | 6 | 54 | 1.0 | 1.5 | Mazur B.M. (044) 527-80-21 garden_chair@twin.nauu.kiev.ua |
| 4 | Selection of Vegetable Crops | Ukrainian | 6 | 54 | 1.0 | 1.5 | Zhuk O.Ya. (044) 527-81-69 veget_chair@twin.nauu.kiev.ua |
| 5 | Potato Culture | Ukrainian | 5 | 144 | 2.7 | 4.0 | Fedosij I.O. (044) 527-81-69 Ivan1982@i.ua |
| 6 | Nursery | Ukrainian | 5 | 108 | 2.0 | 3.0 | Shevchuk N.V. (044) 527-85-59 garden_chair@twin.nauu.kiev.ua |
| 7 | Biological Plant Protection | Ukrainian | 5 | 108 | 2.0 | 3.0 | Yushchenko L.P. (044) 527-80-88 melioration_chair@twin.nauu.kiev.ua |
| 8 | Vegetable Growing in Hothouses | Ukrainian | 6, 7 | 252 | 4.7 | 7.0 | Tsyz O.M. (044) 257-80-57 hothouse_chair @ twin.nauu.kiev.ua |

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|---|---|------------------|------|-------------|-------------|-------------|--|
| 9 | Vegetable Seedage | Ukrainian | 7 | 90 | 1.7 | 2.5 | Zhuk O.Ya. (044) 527-81-69 veget_chair@twin.nauu.kiev.ua |
| 10 | Viticulture | Ukrainian | 7, 8 | 144 | 2.7 | 4.0 | Hontar V.T. (044) 527-85-59 garden_chair@twin.nauu.kiev.ua |
| 11 | Landscape Gardening | Ukrainian | 7 | 90 | 1.7 | 2.5 | Shevchuk N.V. (044) 527-85-59 garden_chair@twin.nauu.kiev.ua |
| 12 | Agricultural Melioration | Ukrainian | 7 | 90 | 1.7 | 2.5 | Konakov B.I. (044) 527-88-47 konakov.nauka@wm.nauu.kiev.ua |
| 13 | Basics of Crop Production Merchandising | Ukrainian | 3 | 72 | 1.3 | 2 | Zavgorodnij V.M. (044) 527-86-76 save_tech_chair@nauu.kiev.ua |
| 14 | Pomology | Ukrainian | 7 | 108 | 2.0 | 3.0 | Andrusyk Yu.Yu. (044) 527-85-59 garden_chair@twin.nauu.kiev.ua |
| 15 | Phytoncide - Medicinal Plants | Ukrainian, Latin | 8 | 54 | 1.0 | 1.5 | Vyhera S.M. (044) 527-82-12 vigera@nauu.kiev.ua |
| 16 | Plant Biochemistry | Ukrainian | 4 | 54 | 1.0 | 1.5 | Balanda O.V. (044) 527-89-66 anatolij@svitonline.com. |
| 17 | Forage Production | Ukrainian | 8 | 54 | 1.0 | 1.5 | Kovbasyuk P.U. (044) 527-86-26 selection_chair@twin.nauu.kiev.ua |
| 18 | Latin Language | Ukrainian | 2 | 54 | 1.0 | 1.5 | Grytsenko S.P. (044) 527-81-05 latina_chair @ twin.nauu.kiev.ua |
| Total for the disciplines of the University's choice | | | | 1926 | 35.7 | 54.0 | |
| Disciplines chosen by students | | | | | | | |
| 1 | Sociology | Ukrainian | 2 | 72 | 1.3 | 2 | Bojko I.I. (044) 527-81-71 politics@twin.nauu.kiev.ua |
| 2 | Politology | Ukrainian | 2 | 72 | 1.3 | 2 | Yatchenko V.F. (044) 527-81-71 politics@twin.nauu.kiev.ua |
| 3 | Psychology | Ukrainian | 2 | 72 | 1.3 | 2 | Polozenko O.V. (044) 257-22-10 psychology_chair@twin.nauu.kiev.ua |
| 4 | Law | Ukrainian | 7 | 90 | 1.7 | 2.5 | Horislavska I.V. Svyatchenko L.O. (044) 257-33-10 Insomnia777@mail.ru |
| 5 | Economic Theory | Ukrainian | 3 | 72 | 1.3 | 2 | Panevnyk T.M. (044) 527-82-35 agropolit_chair@twin.nauu.kiev.ua |
| 6 | Family and Domestic Culture | Ukrainian | 6 | 72 | 1.3 | 2 | Puzyrenko Ya.V. (044) 527-89-08 Kafkult3nubih@ukr.net |
| 7 | Military Training | Ukrainian | 5, 6 | 675 | 12.5 | 18.8 | |
| Total for the disciplines of the students' choice | | | | 774 | 14.3 | 21.5 | |
| Total with the optional component | | | | 2700 | 50 | 75 | |
| Total with the area of training | | | | 8640 | 160 | 240 | |

| Optional Component for 8.130108 – “Selection and gGenetics of Agricultural Crops” | | | | | | | | | | |
|---|--|------------------|---------|-----|-----|-----|--|--|--|--|
| Disciplines chosen by the University | | | | | | | | | | |
| 1 | Agricultural Microbiology | Ukrainian | 4 | 90 | 1.7 | 2.5 | Koshevsky I.I. (044) 527-87-60 agromicrobe_chair@twin.nauu.kiev.ua | | | |
| 2 | Cytology | Ukrainian | 4 | 90 | 1.7 | 2.5 | Verkhoglyad I.M. (044) 527-82-08 botaniki@bigmir.net | | | |
| 3 | Apiculture | Ukrainian | 4 | 54 | 1.0 | 1.5 | Polishchuk V.P. (044) 527-80-71 apiculture_chair@twin.nauu.kiev.ua | | | |
| 4 | Agricultural Virology | Ukrainian | 4 | 72 | 1.3 | 2 | Antipov I.O. (044) 527-84-82 antigav@rambler.ru | | | |
| 5 | Special Genetics | Ukrainian | 4, 5 | 180 | 3.3 | 5 | Bashkirova N.V. (044) 527-85-15 selection_chair@twin.nauu.kiev.ua | | | |
| 6 | Crop General Selection and Variety Study | Ukrainian | 4, 5, 6 | 216 | 4.0 | 6 | Duplyak O.T. (044) 527-85-15 odupljak@yandex.ru | | | |
| 7 | Biological Protection | Ukrainian | 6 | 54 | 1.0 | 1.5 | Yushchenko L.P. (044) 527-88-47 melioration_chair@twin.nauu.kiev.ua | | | |
| 8 | Forage Production | Ukrainian | 7 | 108 | 2.0 | 3 | Kovbasyuk P.U. (044) 527-85-15 selection_chair@twin.nauu.kiev.ua | | | |
| 9 | Agricultural Melioration | Ukrainian | 7 | 72 | 1.3 | 2 | Yarosh A.V. (044) 527-88-47 BlakAnn@ukr.net | | | |
| 10 | Industrial Crops | Ukrainian | 8 | 108 | 2.0 | 3 | Yunyk A.V. (044) 527-86-26 yunikav@bigmir.net | | | |
| 11 | Crop Special Selection | Ukrainian | 7, 8 | 216 | 4.0 | 6 | Skoryk V.V. (044) 526-85-15 selection_chair@twin.nauu.kiev.ua | | | |
| 12 | Seed Science | Ukrainian | 7 | 144 | 2.7 | 4 | Novytska N.V. Kachura E.V. (044) 527-86-26 kachure@rambler.ru | | | |
| 13 | Herb Science | Ukrainian | 5 | 90 | 1.7 | 2.5 | Ivanyuk M.F. (044) 527-81-18 agriculture_chair@twin.nauu.kiev.ua | | | |
| 14 | Fundamentals of Biotechnology | Ukrainian | 8 | 90 | 1.7 | 2.5 | Kolomiets Yu.V. (044) 527-85-17 Klyachenko O.L. (044) 527-84-82 klyachenko@ukr.net | | | |
| 15 | Genetics | Ukrainian | 4 | 108 | 2.0 | 3 | Chechenyeva T.N. (044) 527-88-32 tchgen@rambler.ru | | | |
| 16 | Latin Language | Ukrainian, Latin | 2 | 54 | 1.0 | 1.5 | Vakulyk I.I. (044) 527-87-26 latina_chair @ twin.nauu.kiev.ua | | | |
| 17 | Folk Arts | Ukrainian | 2 | 72 | 1.3 | 2 | Puzyrenko Ya.V. (044) 527-89-08 Kafkult3nubih@ukr.net | | | |
| 18 | Basics of Crop Production | Ukrainian | 3 | 72 | 1.3 | 2 | Zavgorodnij V.M. | | | |

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|---|-----------------------------|-----------|------|------|------|------|--|
| | Merchandising | | | | | | (044) 527-86-76 save_tech_chair@nauu.kiev.ua |
| Total for the disciplines of theUniversity’s choice | | | | 1926 | 35.7 | 54.0 | |
| Disciplines chosen by students | | | | | | | |
| 1 | Sociology | Ukrainian | 2 | 72 | 1.3 | 2 | Bojko I.I. (044) 527-81-71 politics@twin.nauu.kiev.ua |
| 2 | Politology | Ukrainian | 2 | 72 | 1.3 | 2 | Yatchenko V.F. (044) 527-81-71 politics@twin.nauu.kiev.ua |
| 3 | Psychology | Ukrainian | 2 | 72 | 1.3 | 2 | Polozenko O.V. (044) 257-22-10 psychology_chair@twin.nauu.kiev.ua |
| 4 | law | Ukrainian | 7 | 90 | 1.7 | 2.5 | Horislavska I.V. Svyatchenko L.O. (044) 257-33-10 Insomnia777@mail.ru |
| 5 | Economic Theory | Ukrainian | 3 | 72 | 1.3 | 2 | Panevnyk T.M. (044) 527-82-35 agropolit_chair@twin.nauu.kiev.ua |
| 6 | Family and Domestic Culture | Ukrainian | 6 | 72 | 1.3 | 2 | Puzyrenko Ya.V. (044) 527-89-08 Kafkult3nubih @ UKR . net |
| 7 | Military Training | Ukrainian | 5, 6 | 675 | 12.5 | 18.8 | |
| Total for the disciplines of the students’ choice | | | | 774 | 14.3 | 21.5 | |
| Total with the optional component | | | | 2700 | 50 | 75 | |
| Total with the area of training | | | | 8640 | 160 | 240 | |

* Physical Training is included into the weekly classroom load (30 hours), but it is not an academic credit discipline.

Tentative topics for Bachelor's projects

1. Agroeconomical analysis of farm agriculture system.
2. Agroeconomical analysis of farm crop rotation.
3. Agroeconomical analysis of tillage in crop rotation management.
4. Agroeconomical analysis of mechanical tillage components in growing a crop.
5. Agroeconomical analysis of controlling infestation in farm crop rotation management.
6. Agroeconomical analysis of controlling farm specific crop infestation.
7. Agroeconomical analysis of components of mechanical tillage system in a specific farm crop rotation link.
8. Agroeconomical analysis of a specific farm crop rotation.
9. Agroeconomical analysis of tillage system in a farm crop rotation.
10. Agroeconomical analysis of tillage system for specific farm crops.
11. Technology of selection process and evaluating the material at different stages in the OE NUBIP of Ukraine (scientific-research institutes, variety studying stations, farms).
12. Technology and organization of qualification examination of crop varieties and hybrids in the OE NUBIP (scientific-research institutes, variety studying stations, etc.).
13. Technology and organization of seed control, variety certification in Derzhnashinspektsiya institutions, laboratories.
14. Technology of high quality crop seedage in the OE NUBIP (scientific-research institutes, variety studying stations, farms).
15. Technological features of growing interim fodder crops.
16. Agrotechnical measures for increasing productivity and improving forage quality of seed-fodder crops in the northern part of forest-steppes of Ukraine.
17. Agroeconomical base of saturating grass mixtures by legume components when growing for green fodder in the northern part of forest-steppes of Ukraine.
18. Productivity Analysis of maize hybrids of various earliness in low-humus typical black soil of the northern part of forest-steppes of Ukraine.
19. Technological foundations of growing cabbage crops in stubbly crops in the northern part of forest-steppes of Ukraine.
20. Ahrotehnological foundations of introducing elements of environmentally safe, economically viable, technically advanced technologies of creating grass stand for heymaking.
21. Ahrotehnological analysis of alfalfa crop growing technologies in the low-humus black soils of the northern steppes of Ukraine.
22. Ahrotehnological features growing clover-cereal mixtures was typical of chernozem humus northern steppes of Ukraine.
23. Evaluation of commercial quality of early (late) grain mass depending on the cultivation methods and post harvest handling.
24. Studying the potato tuber commercial quality depending on the technological elements of growing, terms, collection methods and post harvest handling modes.
25. Rating of feedstock crops commodity depending on the agricultural cultivation and post harvest handling.
26. Studying influence of the applicable technologies of growing and processing the fruit yield and industry profitability.
27. Agrotehnological analysis of cultivation, post harvest handling, storage and processing of farm products.
28. Organization of growing, handling and storing different purpose seeds.
29. Economic and biological evaluation of varieties and hybrids of greenhouse crops grown in different types of cultivation facilities.
30. Improving elements of technology for growing greenhouse crops in different types of cultivating facilities.
31. Developing and improving methods for forming plants growing in closed ground.

32. Selection of variety-wilded combinations for tomatos, cucumbers, peppers and eggplants growing in closed ground.
33. Evaluation of substrates for hydroponic method of growing basic greenhous crops.
34. Economic and biological evaluation of strains of cultivated mushrooms.
35. Evaluation of substrates for preparing edible mushroom mycelium of eatable mushrooms.
36. Optimization of substrate for growing saprotrophic and xylotrophic mushrooms.
37. Improving recipes for cover mixtures for growing disporous champignons and ways of their application.
38. Growth of mycelium and productivity of usual oyster mushrooms depending on the type of film for making bags and ways of their perforation.
39. Improving elements of technology for extensive cultivation of xylotrophic mushrooms.
40. Tests of different substrates and coating mixtures for growing saprotrophic mushrooms in natural conditions.
41. Evaluation of typical black soil humus content and reserves in minimized soil cultivation and agriculture biologization.
42. Assessment of biological activity of dark gray forest soil under long-term use of soil-protecting technologies.
43. farm soils, assessment of their properties and actions to restore their fertility.
44. Evaluation of using fertilizers in a farm.
45. Agrochemical evaluation of using fertilizers in a farm.
46. Agrochemical provision of technology for growing agricultural crops.
47. collection study of varieties and hybrids of vegetables, fruits and grapes.
48. Assessment of clonal apple and pear rootstocks in a queen cell.
49. Assessment of variety-wilded combinations of fruit crops in the nursery.
50. Improving technologies of reproduction and growing fruit material.
51. Productivity of intensive apple-tree plantations depending on crown formation.
52. Introduction and studying varieties of low-spread fruit crops.
53. Improving technology of cultivating crops in typical black soils of the OE NUBIP of Ukraine "Agronomic Research Station".
54. Agrotechnological analysis of crop sector and technologies of cultivating crops in agricultural enterprises of different ownership and management.
55. Status and prospects of developing crops: farms, crop cultivation technology and ways of their improvement.
56. Economic and biological evaluation of varieties and heterotic hybrids of vegetable crops under different growing technology elements.
57. Methods of preparing vegetable seeds before sowing.
58. Ways of increasing vegetable crop seedage.
59. Studying sowing dates for improving the vegetable production conveyor.
60. Studying technological elements of growing oneyear, two-year and perennial vegetable crops.
61. Assessing quality of varieties and heterotic hybrids depending on use of growing technology elements.

**Training EQL “Bachelor” with the shorter (two years) training period
meant for Junior Specialists**

Graduates who have received EQL “Junior Specialist” for the area **6.090101 “Agriculture”** with the specialization:

5.130107 – “Agriculture”

5.130106 – “Organization and Technology of Farming”

5.130109 – “Industrial Floriculture”

are admitted to training for EQL “Bachelor” with the shorter (two years) training period after passing the entrance examinations in professional disciplines and eliminating differences in academic curricula.

**Curriculum for EQL “Bachelor” with the shorter (two years) training period in the
area “Agriculture” meant for Junior Specialists**

| Number | Academic Discipline, Practice | Language of Training | Semester | Amount | | | Lecturer, Full Name, Telephone, E-mail | | |
|---|---|-------------------------|----------|-----------|----------|------|---|-----|---|
| | | | | Hours | Credits | | | | |
| | | | | | National | ECTS | | | |
| Compulsory Component | | | | | | | | | |
| Cycle of humanitarian and socio-economic training | | | | | | | | | |
| 1 | Physical Culture | Ukrainian | 1, 2 | 90 | 1.7 | 2.5 | Vladymyrova I.V. (044) 527-85-21 sport_chair@twin.nauu.kiev.ua | | |
| 2 | Philosophy | Ukrainian | 1 | 72 | 1.3 | 2.0 | Gorbatyuk T.V. (044) 527-83-59 philosopher@twin.nauu.kiev.ua | | |
| 3 | Foreign Language (professional orientation) | English, German, French | 2 | 54 | 1.0 | 1.5 | Mahinova M.V. (044) 527-81-81 Moskalenko S.A. (044) 527-85-95 foreign_chair@twin.nauu.kiev.ua | | |
| 4 | Law | Ukrainian | 4 | 54 | 1.0 | 1.5 | Horislavska I.V. Svyatchenko L.A. (044) 257-33-10 Insomnia777@mail.ru | | |
| 5 | Politology | Ukrainian | 3 | 54 | 1.0 | 1.5 | Semchynsky K.V. (044) 527-81-71 politics@twin.nauu.kiev.ua | | |
| 6 | Psychology | Ukrainian | 3 | 54 | 1.0 | 1.5 | Omelchenko L.M. (044) 257-22-10 psychology_chair@twin.nauu.kiev.ua | | |
| Total for the cycle of humanitarian and socio-economic training | | | | 378 | 7.0 | 10.5 | | | |
| Cycle of mathematical and natural-scientific training | | | | | | | | | |
| 1 | Higher mathematics (professional orientation) | | | Ukrainian | 1 | 54 | 1.0 | 1.5 | Sklepova L.I. (044) 527-82-29 larysaskl@ukr.net |
| 2 | Physics with fundamentals of plant biophysics | | | Ukrainian | 1 | 54 | 1.0 | 1.5 | Godlevska O.O. (044) 527-85-72 techphysic_chair@twin.nauu.kiev.ua |
| 3 | Ecology (Professional Orientation) | | | Ukrainian | 3 | 36 | 0.7 | 1.0 | Smyrnova S.O. (044) 527-81-58 agroeco_chair@twin.nauu.kiev.ua |

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|--|--|-----------|------|------------|-------------|-------------|--|
| 4 | Radiobiology | Ukrainian | 3 | 54 | 1.0 | 1.5 | Gudkov I.M. (044) 527-89-26 radiobio_chair@twin.nauu.kiev.ua |
| 5 | Genetics | Ukrainian | 1 | 72 | 1.3 | 2.0 | Chechenyeva T.N. (044) 527-88-32 tchgen@rambler.ru |
| 6 | Chemistry (Inorganic, Analytical, Organic, Physical and Colloid) | Ukrainian | 1 | 72 | 1.3 | 2.0 | Smyk S.Yu. (044) 527-85-57 organic_chair@twin.nauu.kiev.ua |
| 7 | Botany | Ukrainian | 1 | 72 | 1.3 | 2.0 | Yakubenko B.E. (044) 527-82-08 botaniki@bigmir.net |
| 8 | Plant Physiology | Ukrainian | 2 | 72 | 1.3 | 2.0 | Bojko O.A. olga-bojko@ukr.net OV Balanda (044) 527-89-66 anatolij@svitonline.com |
| 9 | Computer Science and Engineering | Ukrainian | 1 | 72 | 1.3 | 2.0 | Garina S.M. (044) 527-81-99 compute_chair@twin.nauu.kiev.ua |
| Total for the cycle of mathematical and natural-scientific training | | | | 558 | 10.3 | 15.5 | |
| Cycle of professional and practical training | | | | | | | |
| The 1st subcycle of professional and practical training | | | | | | | |
| 1 | Principles of Personal and Social Safety | Ukrainian | 4 | 54 | 1.0 | 1.5 | Steblyuk M.I. (044) 527-86-76 agroeco_chair@twin.nauu.kiev.ua |
| 2 | Economy and Entrepreneurship, Management | Ukrainian | 3 | 54 | 1.0 | 1.5 | Gutsul T.A. (044) 527-85-75 gutsul_t06@voliacable.com |
| | | Ukrainian | 3 | 54 | 1.0 | 1.5 | Balan O.D. (044) 527-82-69 balan71@mail.ru |
| 3 | Stockbreeding | Ukrainian | 4 | 54 | 1.0 | 1.5 | Kononenko V.K. (044) 527-85-55 feeding_chair @ twin.nauu.kiev.ua |
| 4 | Soil Science with the Basics of Geology | Ukrainian | 1 | 108 | 2.0 | 3 | Vitvitsky S.V. (044) 527-86-31 soilscare_chair@twin.nauu.kiev.ua |
| 5 | Phyto-Pharmacology | Ukrainian | 3 | 54 | 1.0 | 1.5 | Dmytrieva O.E. (044) 527-82-12 plantquarant_chair@twin.nauu.kiev.ua |
| 6 | Agricultural Entomology | Ukrainian | 2 | 54 | 1.0 | 1.5 | Pasichnyk L.P. (044) 527-85-14 entomo_chair @ twin . nauu.kiev.ua |
| 7 | Agricultural Phyto-Pathology | Ukrainian | 2 | 54 | 1.0 | 1.5 | Pikovsky M.I. (044) 527-87-38 phitopat_chair@twin.nauu.kiev.ua |
| 8 | Basics of Scientific Research in Agronomy | Ukrainian | 3 | 54 | 1.0 | 1.5 | Assoc. Tsyuk O.A. 527-81-18 agriculture_chair@twin.nauu.kiev.ua |
| 9 | Mechanization, Electrification, Agricultural Automation of Production (Mechanization of Manufacturing Processes in Planting) | Ukrainian | 4 | 54 | 1.0 | 1.5 | Opalko V.G. (044) 527-86-32 techserv_chair@twin.nauu.kiev.ua |
| 10 | General Farming | Ukrainian | 1, 2 | 108 | 2.0 | 3 | Krotinov O.P. (044) 527-81-18 |

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|---|---|-----------|------|-------------|-------------|-------------|---|
| | | | | | | | agriculture_chair@twin.nauu.kiev.ua |
| 11 | Agrochemistry | Ukrainian | 2 | 90 | 1.7 | 2.5 | Mazurkevych L.I. (044) 527-88-17 Quality_chair @ twin.nauu.ua |
| 12 | Standardization and Crop Quality Control | Ukrainian | 2 | 72 | 1.3 | 2 | Matsejko L.M. (044) 527-86-76 save_tech_chair@nauu.kiev.ua |
| 13 | Orcharding | Ukrainian | 2 | 72 | 1.3 | 2 | Kumpan K.D. (044) 527-85-59 garden_chair@twin.nauu.kiev.ua |
| 14 | Vegetable Growing | Ukrainian | 2 | 72 | 1.3 | 2 | Fedosij I.O. (044) 527-81-69 Ivan1982@i.ua |
| 15 | Crop Growing | Ukrainian | 3 | 108 | 2.0 | 3 | Dmytryshak M.Ya. (044) 527-86-26 forage_chair@twin.nauu.kiev.ua |
| 16 | Crop Selection and Seedage | Ukrainian | 3, 4 | 90 | 1.7 | 2.5 | Duplyak O.T. (044) 527-85-15 odupljak@yandex.ru |
| 17 | Labour Protection | Ukrainian | 4 | 54 | 1.0 | 1.5 | Sheremet V.O. (044) 527-82-99 OP_chair@twin.nauu.kiev.ua |
| 18 | Agro-Meteorology | Ukrainian | 1 | 54 | 1.0 | 1.5 | Yarosh A.V. (044) 527-88- 47 BlakAnn@ukr.net |
| 19 | Technology of Crop Storing and Processing | Ukrainian | 4 | 90 | 1.7 | 2.5 | Rozhko V.I. (044) 527-86-76 save_tech_chair@nauu.kiev.ua |
| 20 | Geodesy and Land Management | Ukrainian | 1 | 36 | 0.6 | 1.0 | Olijnyk L.M. (044) 258-05-25 marmeking_chair@twin.nauu.kiev.ua |
| Total For the 1st subcycle of professional and practical training | | | | 1476 | 27.3 | 41.5 | |
| The 2nd subcycle of professional and practical training | | | | | | | |
| 1 | Agrochemistry | Ukrainian | 4 | 12 | 0.2 | 0.3 | Mazurkevych L.I. (044) 527-88-17 Quality_chair @ twin.nauu.ua |
| 2 | Technology of Crop Processing and Storing | Ukrainian | 4 | 18 | 0.7 | 0.5 | Bober A.V. (044) 527-86-76 save_tech_chair@nauu.kiev.ua |
| 3 | Orcharding | Ukrainian | 6 | 18 | 0.3 | 0.5 | Cumpan K.D. (044) 527-85-59 garden_chair@twin.nauu.kiev.ua |
| 4 | Vegetable Growing | Ukrainian | 6 | 18 | 0.3 | 0.5 | Fedosij I.A. (044) 527-82-69 Ivan1982@i.ua |
| 5 | Crop Growing | Ukrainian | 5, 6 | 18 | 0.3 | 0.5 | Dmytryshak M.Y. (044) 527-86-26 forage_chair@twin.nauu.kiev.ua |
| 6 | Agriculture | Ukrainian | 5, 6 | 18 | 0.3 | 0.5 | Krotinov O.P. (044) 527-81-18 agriculture_chair@twin.nauu.kiev.ua |
| 7 | Forage Production | Ukrainian | 5, 6 | 18 | 0.3 | 0.5 | Kovbasyuk P.U. (044) 527-85-15 selection_chair@twin.nauu.kiev.ua |
| 8 | Selection and Seedage of Field Crops | Ukrainian | 5, 6 | 18 | 0.3 | 0.5 | Makarchuk O.S. (044) 527-85-15 |

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|---|--|-----------|------|-------------|-------------|-------------|---|
| | | | | | | | selection_chair@twin.nauu.kiev.ua |
| 9 | Agricultural Entomology | Ukrainian | 5, 6 | 12 | 0.2 | 0.3 | Pasichnyk L.P. (044) 527-85-14 entomo_chair @ twin . nauu.kiev.ua |
| 10 | Herb Science | Ukrainian | 5, 6 | 18 | 0.3 | 0.5 | Petryshyna A.A. (044) 527-81-18 agriculture_chair@twin.nauu.kiev.ua |
| 11 | Agricultural Phytopathology | Ukrainian | 5, 6 | 12 | 0.2 | 0.3 | Pikovskiy M.I. (044) 527-87-38 phitopat_chair@twin.nauu.kiev.ua |
| 12 | Practical Training | Ukrainian | 6 | 414 | 7.7 | 11.0 | |
| Total for the 2nd subcycle of professional and practical training | | | | 612 | 11.3 | 17.0 | |
| Total with the cycle of professional and practical training | | | | 2088 | 38.7 | 58 | |
| Total with the compulsory component | | | | 3042 | 56.3 | 84.5 | |
| Optional Component for 8.130101 – “Agrochemistry and Soil Science” | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| 1 | Basic Programming | Ukrainian | 3 | 54 | 1.0 | 1.5 | Henhalo A.M. (044) 527-87-64 Quality_chair@twin.nauu.ua |
| 2 | Microbiology with Fundamentals of Virology | Ukrainian | 2 | 54 | 1.0 | 1.5 | Fedelesh-Hladynets M.I. (044) 527-87-60 agromicrobe_chair@twin.nauu.kiev.ua |
| 3 | Vegetable Growing in Hothouse | Ukrainian | 3 | 54 | 1.0 | 1.5 | Gavrys I.L. (044) 527-80-67 hothouse_chair@twin.nauu.kiev.ua |
| 4 | Latin Language | Ukrainian | 1 | 54 | 1.0 | 1.5 | Basalayeva O.Yu. (044) 527-87-26 latina_chair @ twin . nauu.kiev.ua |
| 5 | Geology with Fundamentals of Geomorphology | Ukrainian | 1 | 54 | 1.0 | 1.5 | Kravchenko Yu.S. (044) 527-86-31 soilscare_chair@twin.nauu.kiev.ua |
| 6 | Physical and Chemical Research Methods | Ukrainian | 2 | 54 | 1.0 | 1.5 | Smyk S.Yu. (044) 527-85-57 organic_chair@twin.nauu.kiev.ua |
| 7 | Soil Mapping | Ukrainian | 2 | 90 | 1.7 | 2.5 | Kravchenko Yu.S. (044) 527-86-31 soilscare_chair@twin.nauu.kiev.ua |
| 8 | Soil Geography | Ukrainian | 2 | 90 | 1.7 | 2.5 | Tonha O.L. (044) 527-89-67 soilscare_chair@twin.nauu.kiev.ua |
| 9 | Land Protection | Ukrainian | 3 | 72 | 1.3 | 2.0 | Zabaluyev V.O. (044) 527-86-31 soilscare_chair@twin.nauu.kiev.ua |
| 10 | Fertilizer Application System | Ukrainian | 3, 4 | 90 | 1.7 | 2.5 | Bykin A.V. (044) 527-87-83 Quality_chair @ twin . nauu.ua |
| 11 | Production Quality Management | Ukrainian | 4 | 54 | 1.0 | 1.5 | Bykin A.V. (044) 527-87-83 Quality_chair @ twin . nauu.ua |
| 12 | Methods of Agrochemical Research | Ukrainian | 4 | 54 | 1.0 | 1.5 | Makarenko V.M. (044) 527-88-17 Quality_chair @ twin . nauu.ua |
| Total for the disciplines of the University's choice | | | | 774 | 14.3 | 21.5 | |
| Disciplines chosen by students | | | | | | | |
| 1 | Family and Domestic Culture | Ukrainian | 1 | 72 | 1.3 | 2.0 | Puzyrenko Ya.V. (044) 527-89-08 |

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|---|--|-----------|------|-------------|-------------|-------------|---|
| | | | | | | | Kafkult3nubih @ UKR . net |
| 2 | Military Training | Ukrainian | 2, 3 | 540 | 10.0 | 15 | |
| Total for the disciplines of the students' choice | | | | 612 | 11.3 | 17.0 | |
| Total with the optional component | | | | 1386 | 25.7 | 38.5 | |
| Total with the area of training | | | | 4320 | 80 | 120 | |
| Optional Component for 8.130102 – “Agriculture” | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| 1 | Biological Protection | Ukrainian | 3 | 72 | 1.3 | 2.0 | Yushchenko L.P. (044) 527-88-47 melioration_chair@twin.nauu.kiev.ua |
| 2 | Herb Science | Ukrainian | 1 | 90 | 1.7 | 2.5 | Kosolap M.P. (044) 527-81-18 agriculture_chair@twin.nauu.kiev.ua |
| 3 | Forage Production | Ukrainian | 3 | 108 | 2.0 | 3.0 | Kovbasyuk P.U. (044) 527-85-15 selection_chair@twin.nauu.kiev.ua |
| 4 | Programming Yields of Agricultural Crops | Ukrainian | 3 | 90 | 1.7 | 2.5 | Mokriyenko V.A. (044) 526-86-26 mokrienko@ukr.net |
| 5 | Agricultural Zoology | Ukrainian | 2 | 72 | 1.3 | 2.0 | Shkaruba M.G. (044) 527-82-12 plantquarant_chair@twin.nauu.kiev.ua |
| 6 | Agricultural Melioration | Ukrainian | 3 | 90 | 1.7 | 2.5 | Yarosh A.V. (044) 527-88-47 BlakAnn@ukr.net |
| 7 | Microbiology with The Basics of Virology | Ukrainian | 2 | 72 | 1.3 | 2.0 | Borodaj V.V. (044) 527-87-60 agromicrobe_chair@twin.nauu.kiev.ua |
| 8 | Latin Language | Ukrainian | 1 | 72 | 1.3 | 2.0 | Vakulyk I.I. (044) 527-87-26 latina_chair@twin.nauu.kiev.ua |
| 9 | Industrial Crops | Ukrainian | 4 | 108 | 2.0 | 3.0 | Yunyk A.V. (044) 527-86-26 yunikav@bigmir.net |
| Total for the disciplines of the University's choice | | | | 774 | 14.3 | 21.5 | |
| Disciplines chosen by students | | | | | | | |
| 1 | Family and Domestic Culture | Ukrainian | 4 | 72 | 1.3 | 2.0 | Puzyrenko Ya.V. (044) 527-89-08 Kafkult3nubih@ukr.net |
| 2 | Military Training | Ukrainian | 2, 3 | 540 | 10.0 | 15 | |
| Total for the disciplines of the students' choice | | | | 612 | 11.3 | 17.0 | |
| Total with the optional component | | | | 1386 | 25.7 | 38.5 | |
| Total with the area of training | | | | 4320 | 80 | 120 | |
| Optional Component for 8.130103 – “Horticulture and Viticulture” | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| 1 | Vegetable Growing in Hothouse | Ukrainian | 3, 4 | 144 | 2.7 | 4.0 | Tsyz O.M. (044) 257-80-57 hothouse_chair@twin.nauu.kiev.ua |
| 2 | Potato Growing | Ukrainian | 1 | 72 | 1.3 | 2.0 | Fedosij I.O. (044) 527-81-69 Ivan1982@i.ua |
| 3 | Nursery | Ukrainian | 1 | 90 | 1.7 | 2.5 | Shevchuk N.V. (044) 527-85-59 garden_chair@twin.nauu.kiev.ua |
| 4 | Viticulture | Ukrainian | 4 | 108 | 2.0 | 3.0 | Gontar V.T. (044) 527-85-59 |

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| | | | | | | | garden_chair@twin.nauu.kiev.ua |
| 5 | Microbiology with Fundamentals of Virology | Ukrainian | 2 | 72 | 1.3 | 2.0 | Borodaj V.V. (044) 527-87-60 agromicrobe_chair@twin.nauu.kiev.ua |
| 6 | Latin Language | Ukrainian | 1 | 72 | 1.3 | 2.0 | Grytsenko S.P. (044) 527-81-05 latina_chair @ twin.nauu.kiev.ua |
| 7 | Landscape Gardening | Ukrainian | 4 | 108 | 2.0 | 3.0 | Shevchuk N.V. (044) 527-85-59 garden_chair@twin.nauu.kiev.ua |
| 8 | Vegetable Qrowing | Ukrainian | 4 | 54 | 1.0 | 1.5 | |
| 9 | Orcharding | Ukrainian | 3 | 54 | 1.0 | 1.5 | Silenko V.O. (044) 527-85-59 garden_chair@twin.nauu.kiev.ua |
| Total for the disciplines of theUniversity's choice | | | | 774 | 14.3 | 21.5 | |
| Disciplines chosen by students | | | | | | | |
| 1 | Family and Domestic Culture | Ukrainian | 1 | 72 | 1.3 | 2.0 | Puzyrenko Ya.V. (044) 527-89-08 Kafkult3nubih@ukr.net |
| 2 | Military Training | Ukrainian | 2, 3 | 540 | 10.0 | 15 | |
| Total for the disciplines of the students' choice | | | | 612 | 11.3 | 17.0 | |
| Total with the optional component | | | | 1386 | 25.7 | 38.5 | |
| Total with the area of training | | | | 4320 | 80 | 120 | |

2.4. EDUCATIONAL-SCIENTIFIC INSTITUTE OF ANIMAL HUSBANDRY AND WATER BIORESOURCES

The Institute director is Doctor of Agricultural Sciences, Professor **Igor Goncharenko**
Tel.: (044) 527-82-58 E-mail: osp2009@ukr.net
Location: University building № 1, room 34.

The ESI of of Animal Husbandry and Water Bioresources includes:

The Faculty of Production Technology and Processing of Livestock Products

The Dean is Doctor of Agricultural Sciences, Associate Professor **Mikhailo Yuriyovych Sychev**
Tel.: (044) 527-83-95 E-mail: sychov@nauu.kiev.ua
Location: educational building № 7, Room 203.

The Faculty conducts training for EQL “Bachelor” in the areas:

6.090102 – “Technology of Production and Processing of Livestock Products”

Qualification of graduates: Production Engineer and Technologist for the Production and Processing of Livestock Products.

Graduates’ academic rights – can continue their study for the Master’s degree majoring in a relevant area from the curricula of undergraduate programs, beginning with the second year of study.

8.130201 – “Technology of Production and Processing of Livestock Products”

or with specialities of the study area “Specific categories”:

8.000001 – “Quality, Standardization and Certification”

8.000005 – “Pedagogics of Higher School”

8.000007 – “Administrative Management”

The Faculty of Fish Breeding

The Dean is PhD in Agricultural Sciences, Associate Professor **Kondratyuk Vadym Mykolayovych**

Tel.: (044) 527-85-56 E-mail: vadmcondratyuk@rambler.ru

Location: University building # 1, room 67

The Faculty conducts training for EQL “Bachelor” in the areas:

6.090201 – “Water Bioresources and Aquaculture”

Qualification of graduates: Bachelor-Technologist for the Production of Aquaculture Products.

Graduates’ academic rights – can continue their study for the Master’s degree majoring in a relevant area from the curricula of undergraduate programs, beginning with the second year of study.

8.130301 – “Water Bioresources”

or with specialities of the study area “Specific categories”:

8.000001 – “Quality, Standardization and Certification”

8.000005 – “Pedagogics of Higher School”

8.000007 – “Administrative Management”

Bases of students’ practical studies:

NULES of Ukraine “Agronomical Research Station”; NULES of Ukraine O.V. Muzychenko “Velykosnitynske Research Enterprise”; Kyiv’s hippodrome and University’s stable; Dibrivske’s, Alexandria’s, Dnepropetrovsk’s, Yahilnytske’s stud farms; Ukrainian breeding centers, including SAE “Main selection center of Ukraine”, SNV concern “Selectsia”; Regional Associations, JSC “Agro – Soyuz” and OJSC “Chumaky” from Dnipropetrovsk region; JSC “Suzirya”, AF “Danyilevske”, ALC “Agrosvit” SAE Agro-Region, OJSC “Terezyne” Kiev region, OJSC “Bortnychi”; AF “Askania –Nova”, Kherson region; OJSC “Shyrokye” AR Crimea; Institute of animals Genetics and breeding UAAS; Institute of Agroecology and Biotechnology UAAS; CJSC for “Complex Agromars”; CJSC “Rubi Ros Agricole Ltd”; TRPBF Frunze OJSC “Kozhuhivske”; “Ptahofabryka Kyivska”; RPBK “Rudnia”; OJSC Poultry farm “Ukraine”; Poultry Institute UAAS; Goloseev research Apiary; OJSC “Kyivrybhosp”; Institute of Hydrobiology NAS of Ukraine; Institute “Ukraybproekt”; SP “Irakliyivsky ryborozplidnyk”; DP “Ukrayba”; DG “Velykiy Liubit” IRH UAAS, OJSC “Hmelnytskrybhosp”; Khmelnytsky NPS; PE “Aquariumnye tehnologii”; OJSC “Sumyrybhosp”; OJSC “Hersonrybhosp”; CJSC “Olshanka” ARC “Rybaky Hersona”, OJSC “Poltavarybhosp”; Fishery “Nyvka” IRH UAAS; Institute of Fisheries UAAS.

Area of training 6.090102 – “Technology of Production and Processing of Livestock Products”

Training is carried out in:

- **Basic institution of the University (Kyiv);**
- **SA NULES of Ukraine “Crimea agrotechnical University”**

The structure of curriculum of training for EQL “Bachelor” in the area “Technology of Production and Processing of Livestock Products”

The Curriculum is concluded on the basis of educational and vocational training programs EQL “Bachelor” for “Production Technology and Processing of Livestock Products”

The compulsory component of the curriculum consists of 3 training cycles: the humanitarian and socio-economic, mathematical and natural-scientific, professional and practical, totaling 6444 hours, 118,4 national credits, 179 ECTS credits.

Optional component of the curriculum consists of Disciplines chosen by the University and by students totaling 2196 hours, 40,3 national credit, 61 ECTS credits.

The curriculum includes:

- writing 7 course projects (works) in: Feeding Agricultural Animal; Production Technology of Poultry Products, Milk Production Technology, Technology of Pig Production, Beef Production Technology, Mechanization of Production Processes in Livestock Production, Design and Construction Enterprises in Production and Processing of Livestock Products.
- 3 practical trainings: academic, production.

Training period is 3 years and 10 months.

State certification comprises a state examination, writing and defending a Bachelor’s paper.

Curriculum for EQL “Bachelor” in the area “Technology of Production and Processing of Livestock Products”

| Number | Academic Discipline, Practice | Language of Training | Semester | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|---|--|----------------------|----------|--------|----------|------|--|
| | | | | Hours | Credits | | |
| | | | | | National | ECTS | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and socio-economic training | | | | | | | |
| 1. | Ukrainian (by prof. Direction) | Ukrainian | 2 | 108 | 2 | 3 | Pankratov O.L. 527-83-63 |
| 2. | History of Ukraine | Ukrainian | 1 | 108 | 2 | 3 | Zhyvora S.M. 527-81-16 |
| 3. | History of Ukrainian Culture | Ukrainian | 2 | 72 | 1,3 | 2 | Okhrimenko O.V. 527-89-08 |
| 4. | Foreign language | German French | 1 | 180 | 3,3 | 5 | Syrotin O.S. 527-83-63 |
| 5. | Philosophy | Ukrainian | 4 | 108 | 2 | 3 | Suprun A.G. 527-83-59 |
| 6. | Physical training * | Ukrainian | 1,2,3,4 | 288 | 5,3 | 8 | Prohnich V.M. 527-85-21 |
| Total for the cycle of humanitarian and socio-economic training | | | | 576 | 10,6 | 16 | |
| Cycle of mathematical and natural-scientific training | | | | | | | |
| 1. | Higher Mathematics | Ukrainian | 1 | 288 | 5,3 | 8 | Arnauta N.V. 527-82-29 |
| 2. | Physics | Ukrainian | 2 | 144 | 2,6 | 4 | Zaloyilo I.A. 527-84-27 |
| 3. | Inorganic chemistry | Ukrainian | 2 | 216 | 3,9 | 6 | Antraptseva N.M . 527-80-94 |
| 4. | Органічна хімія | Ukrainian | 2 | 144 | 2,6 | 4 | Buhtiyarov V.K. 527-88-55 |
| 5. | Biochemistry with the fundamentals of physical and colloid chemistry | Ukrainian | 3 | 180 | 3,3 | 5 | Shepelova I.A. 527-89-39 |
| 6. | Ecology | Ukrainian | 4 | 72 | 1,3 | 2 | Malyuga L.V. 527-81-56 |
| 7. | Agricultural Animal Anatomy | Ukrainian | 1 | 144 | 2,6 | 4 | Kostiuk V.K. 527-86-22 |
| 8. | Agricultural Animal Physiology | Ukrainian | 2 | 180 | 3,3 | 5 | Trokoz V.O. 527-89-40 |
| 9. | Genetics of Biometrics | Ukrainian | 3 | 216 | 3,9 | 6 | Seba M. U. 527-82-30 |
| Total for the cycle of mathematical and natural-scientific training | | | | 1584 | 28,4 | 43 | - |
| Cycle of professional and practical training | | | | | | | |
| 1. | Introduction to speciality | Ukrainian | 1 | 36 | 0,6 | 1 | Sychev M.U. 527-85-55 |
| 2. | Technology forage fodder with the basics of feedproducing | Ukrainian | 3 | 144 | 2,6 | 4 | Kondratyuk V.N. 527-85-55 |
| 3. | Animal reproduction technology | Ukrainian | 4 | 108 | 2 | 3 | Zhuravel M.P. 527-82-30 |
| 4. | labour safety | Ukrainian | 5 | 108 | 2 | 3 | Lapin V.M. |

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| | | | | | | | 527-82-99 |
| 5. | Feeding Agricultural Animal | Ukrainian | 4 | 288 | 5,3 | 8 | Sychev M.U. 527-85-55 |
| 6. | Animal breeding | Ukrainian | 4 | 288 | 5,3 | 8 | Bochkov V.M. 527-82-30 |
| 7. | Animal Hygiene | Ukrainian | 4 | 288 | 5,3 | 8 | Michalski V.M. 527-81-56 |
| 8. | Poultry production technology | Ukrainian | 6 | 180 | 3,3 | 5 | Melnyk V.V. 527-87-60 |
| 9. | Sheep breeding Production technology | Ukrainian | 7 | 144 | 2,6 | 4 | Turinsky V.M. 527-85-32 |
| 10. | Horse breeding | Ukrainian | 7 | 144 | 2,6 | 4 | Osadchy S.A. 527-82-68 |
| 11. | Milk production technology | Ukrainian | 7 | 360 | 6,6 | 10 | Uhnivenko A.M. 527-82-32 |
| 12. | Pig breeding production technology | Ukrainian | 7 | 252 | 4,6 | 7 | Zasuha U.V. 527-88-59 |
| 13. | Beef production technology | Ukrainian | 8 | 144 | 2,6 | 4 | Kostenko V.I. 527-82-32 |
| 14. | Slaughter products technology | Ukrainian | 7 | 108 | 2 | 3 | Antoniuk V.A. 527-82-32 |
| 15. | Economics of livestock production | Ukrainian | 5 | 108 | 2 | 3 | Vdovenko N.M. 527-85-32 |
| 16. | accounting | Ukrainian | 6 | 72 | 1,3 | 2 | Vdovenko N.M. 527-85-32 |
| 17. | Organization of agricultural enterprises | Ukrainian | 8 | 144 | 2,6 | 4 | Bogdanova N.V. 527-85-32 |
| 18. | Management and Marketing | Ukrainian | 8 | 108 | 2 | 3 | Lukyanchuk N.V. 527-85-32 |
| 19. | Safety | Ukrainian | 6 | 72 | 1,3 | 2 | Yermakova T.V. 527-87-65 |
| 20. | animal products processing technology | Ukrainian | 7 | 180 | 3,3 | 5 | Avdeyeva U.U. 527-88-59 |
| 21. | Standardization of animal products | Ukrainian | 8 | 108 | 2 | 3 | Mankovsky A.Y. 527-65-32 |
| Total for the cycle of professional and practical training | | | | 3384 | 62 | 94 | - |
| Total with the compulsory component | | | | 5544 | 101 | 153 | - |
| Optional Component for 8.130201 – “Technology of Production and Processing of Livestock Products” | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| 1. | Computer Engineering | Ukrainian | 3 | 144 | 2,6 | 4 | Vergunova I.M. 527-81-99 |
| 2. | Zoology | Ukrainian | 1 | 108 | 2 | 3 | Kurbatova I.M. 527-86-83 |
| 3. | Descriptive Geometry | Ukrainian | 3 | 72 | 1,3 | 2 | Gryshchenko I.Y. 527-82-26 |
| 4. | Biotechnology | Ukrainian | 6 | 144 | 2,6 | 4 | Sheremeta V.I. 527-82-30 |
| 5. | Microbiology | Ukrainian | 3 | 108 | 2 | 3 | Kharchenko S.M. 527-88-65 |
| 6. | Mechanization of production processes in animal breeding | Ukrainian | 5 | 180 | 3,3 | 5 | Chos M.M. 527-85-35 |
| Disciplines chosen by students | | | | | | | |
| 1. | Radiobiology | Ukrainian | 4 | 72 | 1,3 | 2 | Haytchenko V.A. 527-87-12 |

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|--|---|-----------|-----|-------------|--------------|------------|---------------------------------|
| 2. | Cultivation of meadows | Ukrainian | 2 | 144 | 2,6 | 4 | Ivanovska R.T. 527-86-26 |
| 3. | Histology | Ukrainian | 1 | 72 | 1,3 | 2 | Stegney Zh.H. 527-80-16 |
| 4. | Technology of production apiculture products | Ukrainian | 6 | 108 | 2 | 3 | Brovarskiy V.D. 527-80-71 |
| 5. | Technique of research affairs | Ukrainian | 6 | 108 | 2 | 3 | Kononenko V.K. 527-88-37 |
| 6. | Technology of production aquaculture products | Ukrainian | 5 | 108 | 2 | 3 | Andrushchenko A.I. 527-89-65 |
| 7. | Technology of production rabbit breeding and fur farming products | Ukrainian | 6 | 108 | 2 | 3 | Lihter M.I. 527-85-32 |
| 8. | Dairy farming | Ukrainian | 7 | 108 | 2 | 3 | Mankovskyi A. Ya. 527-82-32 |
| 9. | Religious studies | Ukrainian | 4 | 72 | 1,3 | 2 | Horbatuk T.V. 527-81-50 |
| 10. | Ethics and Etiquette | Ukrainian | 1 | 36 | 0,6 | 1 | Voznuk N.M. 527-87-26 |
| 11. | Theory of economy | Ukrainian | 3 | 144 | 2,6 | 4 | Muzychenko T.O. 527-85-32 |
| 12. | Sociology | Ukrainian | 5 | 72 | 1,3 | 2 | Boyko I.I. 527-81-71 |
| 13. | Psychology | Ukrainian | 6 | 72 | 1,3 | 2 | Denizhna S.O. 257-22-10 |
| 14. | Jurisprudence | Ukrainian | 5 | 72 | 1,3 | 2 | Kozachuk O.A. 257-33-10 |
| 15. | Politology | Ukrainian | 7 | 72 | 1,3 | 2 | Kaluha V.F. 527-81-71 |
| Total for the disciplines of the students' choice | | | | 1368 | 25 | 38 | - |
| Total with the optional component | | | | 2736 | 50,2 | 76 | - |
| 1. | Academic practice | | 2,4 | 396 | 7,3 | 11 | - |
| 2. | Production practice | | 6 | 216 | 4 | 6 | - |
| Total with the practice | | | | 612 | 11,2 | 17 | - |
| Total with the area of training | | | | 8892 | 162,4 | 246 | - |

* Physical Training is included into the weekly classroom load (30 hours), but it is not an academic credit discipline.

Tentative topics for Bachelor's projects

1. Technology of eggs incubation "Brown Highsex" hens.
2. Technology of getting and breeding young pigs until they run the mass of 25 kg in "Heike Butner" (Germany) factory farm.
3. Technology of breeding of young cattle in lactic way of productivity.
4. Effectiveness of different ways of bees families breeding on the Holosiyvska educational research apiary of NUBIP of Ukraine.
5. Technology of getting propolis under conditions of "Bdzholagroservis", Dnipropetrovska oblast.
6. Technology of beeswax producing "Med Podillya", Vinnytska oblast.
7. Technology of getting honey under conditions of complex bees usage.
8. Hatching out mother bees in bees farms "Medovi Polya" Vasulkivskyi region, Kyiv oblast.
9. Technology of production and initial treatment of milk in „Hrybovyskiy”, Ivanychivskiy region, Volynska oblast.
10. Technological process of producing and initial treatment of milk in „Mayak”, Kozyatynskiy region, Vinnytska oblast.
11. Calculation of basic elements of technology process lactation producing and initial treatment.
12. Technology of fatty liver producing under conditions LTD „Snyatynska Poultry Factory”
13. Technology of African ostrich meat producing under conditions „Agrosoyuz”.
14. Technology of incubation eggs producing of "Blagovarskiy" ducks.
15. Technology of incubation eggs producing of geese.
16. Technology of broilers meat producing „Kob-500" under conditions „Peremoga Nova”.
17. Young horses of Orlov race breeding in the stud farm "Shahtar" in Donetsk oblast.
18. Technological characteristic of producing and processing of lactic in "Lan-Agrico" in Chernihiv oblast.
19. Technological characteristic of producing and processing of lactic in "Terezyne" in Kyiv oblast.
20. Technology of producing of food eggs in LTD "Poultry farm "Poltavske Sonechko" in Poltavska oblast.
21. Sapling of ostriches breeding in LTD "Yasnogorodska Ostrich Farm" in Kyiv oblast.
22. Efficiency of production of goods of the pig breeding in "Agro-region", Boryspilskyi region, Kyiv oblast.
23. Technology of recreation of crawls is in the pedigree center of Vishgorodskiy region, Kyiv oblast.
24. Training, growing and use of horse of orlovskaya trotting breed in a stud farmv "Shahtar", Donetskaya oblast.
25. Features of the use of stallions of orlovskaya trotting breed in Dibrovskiy stud farm № 62 of Poltavska oblast.

**Training EQL “Bachelor” with the shorter (two years) training period
meant for Junior Specialists**

Graduates who have received EQL “Junior Specialist” for the area **6.090102 “Technology of Production and Processing of Livestock Products”** with the specialization:

5.09010201 “Technology of Production and Processing of Livestock Products”

are admitted to training for EQL “Bachelor” with the shorter (two years) training period after passing the entrance examinations in professional disciplines and eliminating differences in academic curricula.

**Curriculum for EQL “Bachelor” with the shorter (two years) training period in the
area “Technology of Production and Processing of Livestock Products” meant for Junior
Specialists**

| № | Academic Discipline, Practice | Language of Training | Semest er | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|---|---|----------------------|-----------|--------|----------|------|--|
| | | | | Hours | Credits | | |
| | | | | | National | ECTS | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and socio-economic training | | | | | | | |
| 1. | History of Ukraine | Ukrainian | 1 | 72 | 1,3 | 2 | Zhyvora S.M. 527-81-16 |
| 2. | Philosophy | Ukrainian | 1,2 | 252 | 4,6 | 7 | Suprun A.H. 527-83-59 |
| Total for the cycle of humanitarian and socio-economic training | | | | 324 | 5,9 | 9 | - |
| Cycle of mathematical and natural-scientific training | | | | | | | |
| 1. | Higher Mathematics | Ukrainian | 1 | 144 | 2,6 | 4 | Arnauta N.V. 527-82-29 |
| 2. | Physics | Ukrainian | 1 | 144 | 2,6 | 4 | Zaloyilo I.A. 527-84-27 |
| 3. | Inorganic and Analytic Chemistry | Ukrainian | 1,2 | 216 | 4 | 6 | Antrapceva N.M. 527-80-94 |
| 4. | Organic Chemistry | Ukrainian | 2 | 144 | 2,6 | 4 | Buhtiyarow V.K. 527-88-55 |
| 5. | Biochemistry with Physical and Colloidal Chemistry: Foundations | Ukrainian | 2 | 180 | 3,3 | 5 | Kalinin I.V. 527-80-24 |
| 6. | Ecology | Ukrainian | 3 | 72 | 1,3 | 2 | Rozputniy M.V. 527-87-65 |
| 7. | Physiology of farm animals | Ukrainian | 2 | 144 | 2,6 | 4 | Trokoz V.O. 527-89-40 |
| 8. | Genetics with biometrics | Ukrainian | 1 | 144 | 2,6 | 4 | Seba M. V. 527-82-30 |
| Total for the cycle of mathematical and natural-scientific training | | | | 1188 | 21,8 | 33 | - |
| Cycle of professional and practical training | | | | | | | |
| 1. | Technology of the forage with the basics of fodder | Ukrainian | 1 | 144 | 2,6 | 4 | Kondratyuk V. M. 527-85-55 |
| 2. | Feeding of agricultural | Ukrainian | 2 | 144 | 2,6 | 4 | Sychev M.U. |

| | | | | | | | |
|--|---|-----------|---|-------------|-------------|------------|------------------------------|
| | animals | | | | | | 527-85-55 |
| 3. | The Stock breeding | Ukrainian | 2 | 144 | 2,6 | 4 | Bochkov V.M. 527-82-30 |
| 4. | The Hygiene of animals | Ukrainian | 2 | 144 | 2,6 | 4 | Mychalska V.M. 527-61-56 |
| 5. | Standardization of livestock products | Ukrainian | 4 | 72 | 1,3 | 2 | Manyakovsky A. 527-82-32 |
| 6. | The technology of poultry products production | Ukrainian | 3 | 180 | 3,3 | 5 | Vertiyshuk A.I. 527-82-58 |
| 7. | The technology of sheep breeding products production | Ukrainian | 4 | 144 | 2,6 | 4 | Turinsky V.M. 527-85-32 |
| 8. | The horse breeding | Ukrainian | 3 | 108 | 2 | 3 | Hlushak I.I. 527-82-68 |
| 9. | The technology of milk production | Ukrainian | 4 | 216 | 4 | 6 | Kostenko V.I. 527-62-32 |
| 10. | The technology of pig breeding products | Ukrainian | 3 | 180 | 3,3 | 5 | Zasyha U.V. 527-88-59 |
| 11. | The technology of beef production | Ukrainian | 4 | 108 | 2 | 3 | Kostenko V.I. 527-62-32 |
| 12. | The technology of the processing of stock breeding products | Ukrainian | 4 | 144 | 2,6 | 4 | Avdeeva T.U. 527-88-85 |
| 13. | The technology of the slaughter of animals products | Ukrainian | 3 | 108 | 2 | 3 | Antoniuk T.A. 527-82-32 |
| 14. | The economy of livestock production | Ukrainian | 3 | 108 | 2 | 3 | Vdovenko N.M. 527-85-32 |
| 15. | The Accounting | Ukrainian | 4 | 72 | 1,3 | 2 | Vdovenko N.M. 527-85-32 |
| 16. | Management and marketing | Ukrainian | 4 | 72 | 1,3 | 2 | Lukyanchuk N.V. 527-85-32 |
| Total for the cycle of mathematical and natural-scientific training | | | | 2088 | 38,3 | 58 | - |
| Total with the compulsory component | | | | 3600 | 66 | 100 | - |
| Optional component for 8.130201 specialty – “Technology of Production and Processing of Livestock Products” | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| 1. | The computing machinery | Ukrainian | 1 | 144 | 2,6 | 4 | Umanets R.M. 527-85-32 |
| 2. | The methods of research affairs | Ukrainian | 2 | 108 | 2 | 3 | Kononenko V.K. 527-88-37 |
| 3. | The prophylaxis of animal's disease | Ukrainian | 4 | 108 | 2 | 3 | Shevchenko L.V. 527-61-56 |
| Total for the disciplines of the University's choice | | | | 360 | 6,6 | 10 | - |
| Disciplines chosen by students | | | | | | | |
| 1. | The economic theory | Ukrainian | 3 | 72 | 1,3 | 2 | Muzychenko T.O. 527-85-32 |
| 2. | Sociology | Ukrainian | 1 | 72 | 1,3 | 2 | Boyko I.I. 527-81-71 |
| 3. | Psychology | Ukrainian | 3 | 72 | 1,3 | 2 | Dylenizhna S.O. 257-22-10 |
| 4. | Jurisprudence | Ukrainian | 4 | 72 | 1,3 | 2 | Kozachuk O.A. 257-33-10 |
| 5. | Politology | Ukrainian | 4 | 72 | 1,3 | 2 | Kaluga V.F. 527-81-71 |

| | | | | | | | |
|--|----------------------------|----------|----------|-------------|-------------|------------|----------|
| Total for the disciplines of the students' choice | | | | 360 | 6,6 | 10 | - |
| Total with the optional component | | | | 720 | 13,2 | 20 | - |
| 3. | Production practice | - | 2 | 216 | 4 | 6 | - |
| Total for practice | | | | 216 | 4 | 6 | - |
| Total with the area of training | | | | 4536 | 83,2 | 126 | - |

Area of training 6.090201 – “Water Bioresources and Aquaculture”

Training is carried out in basic institution of the University (Kyiv);

The structure of curriculum of training for EQL “Bachelor” in the area “Aquatic Bioresources and Aquaculture”

The Curriculum is concluded on the basis of educational and vocational training programs EQL “Bachelor” for “Water Bioresources and Aquaculture”.

The compulsory component of the curriculum consists of 3 training cycles: the humanitarian and socio-economic, natural and scientific, professional and practical, totaling 6480 hours, 180 credit ECTS.

The optional component of the curriculum consists of Disciplines chosen by the University and by students totaling 2160 hours 40 of national credits, 60 credits of ECTS.

The total time by the curriculum makes up 8640 hours of national credits, 240 ECTS credits.

The curriculum includes:

- writing 3 course projects and 4 course works in: Hydraulic Engineering with the basics of Geodesy, Industrial Fish Culture, Pond Fish Culture, Zoology, Hydrobiology, Specialized Ichthyology, Fish Feeding.
- practical trainings: educational, production, technological.

Training period is 3 years and 10 months

State certification comprises a state examination, writing and defending a Bachelor's paper.

**Curriculum for EQL “Bachelor”
in the area “Water Bioresources and Aquaculture”**

| Nu mb er | Academic Discipline, Practice | Language of Training | Semester | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|--|---|-------------------------------|------------|--------|--------------|------|---|
| | | | | Hours | Credits | | |
| | | | | | Nationa l | ECTS | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and socio-economic training | | | | | | | |
| 1 | Ukrainian language (by career direction) | Ukrainian | 1 | 108 | 2,0 | 3,0 | Hrycenko T. B. 527-88-12 |
| 2 | Foreign language | English, German, French | 1, 2 | 180 | 3,3 | 5,0 | Kovalenko S.O., Hrabovs'ka T.O. 527-83-62 |
| 3 | History of Ukraine | Ukrainian | 1 | 108 | 2,0 | 3,0 | Zhyvora S. M. 527-81-16 |
| 4 | Philosophy | Ukrainian | 3 | 108 | 2,0 | 3,0 | Chekal' L. A. 527-81-50 |
| 5 | History of ukrainian culture | Ukrainian | 1 | 72 | 1,3 | 2,0 | Sova M. O. 527-89-08 |
| 6 | Physical training | Ukrainian | 1, 2, 3, 4 | 288 | 5,3 | 8,0 | Prokhnych B. M. 527-85-21 |
| Total for the cycle of humanitarian and socio-economic training | | | | 576 | 10,6 | 16 | - |
| Cycle of mathematical and natural-scientific training | | | | | | | |
| 1 | Mathematics | Ukrainian | 1 | 144 | 2,5 | 4,0 | Kasatkin D. Y. 527-81-99 |
| 2 | Computer engineering and programming | Ukrainian | 2 | 108 | 2,0 | 3,0 | Verhunova I. M. 527-81-99 |
| 3 | Biophysics | Ukrainian | 2 | 144 | 2,5 | 4,0 | Hrytsai V. Y. 492-14-26 |
| 4 | Inorganic chemistry | Ukrainian | 1 | 144 | 2,5 | 4,0 | Kochkodan O. D 527-80-96 |
| 5 | Analytical chemistry | Ukrainian | 2 | 72 | 1,3 | 2,0 | Kochkodan O. D. 527-80-96 |
| 6 | Organic chemistry | Ukrainian | 2 | 144 | 2,5 | 4,0 | Bukhtiiarov V. K. 527-88-55 |
| 7 | Hydrochemistry | Ukrainian | 3 | 108 | 2,0 | 3,0 | Hliebova Y. A. 527-83-10 |
| 8 | Hydrobotany | Ukrainian | 2 | 194 | 3,5 | 5,5 | Aleinikov I. M. 527-85-76 |
| 9 | Spineless zoology | Ukrainian | 2 | 144 | 2,5 | 4,0 | Zubko P. D. 527-86-83 |
| 10 | Chordate zoology | Ukrainian | 2 | 144 | 2,5 | 4,0 | Zubko P. D. 527-86-83 |
| 11 | Ecology foundations | Ukrainian | 3 | 72 | 1,3 | 2,0 | Rozputnii M. V. 527-87-65 |
| 12 | Hydrobiology | Ukrainian | 2 | 252 | 4,5 | 7,0 | Khyzhniak M. I. 527-83-10 |
| Total for the cycle of mathematical and natural-scientific training | | | | 1670 | 31,0 | 46,5 | |
| Cycle of professional and practical training | | | | | | | |
| The 1 st subcycle of professional and practical training | | | | | | | |
| 1 | Labour protection foundations | Ukrainian | 5 | 108 | 2,0 | 3,0 | Yermakova T. O. 527-87-65 |
| 2 | Principles of personal and social safety | Ukrainian | 2 | 72 | 1,3 | 2,0 | Yermakova T. O. 527-87-65 |
| 3 | Fish physiology | Ukrainian | 4 | 144 | 2,5 | 4,0 | Yevtushenko M. Y. 527-83-10 |
| 4 | Hydrocole biochemistry | Ukrainian | 3 | 144 | 2,5 | 4,0 | Tupyts'ka O. M. 527-80-60 |

| | | | | | | | |
|---|--|-----------|------|-------------|--------------|--------------|----------------------------------|
| 5 | Fish genetics with biometry foundations | Ukrainian | 4 | 144 | 2,5 | 4,0 | Kostenko S. O. 527-82-30 |
| 6 | Histology and embryology of aquatic animals | Ukrainian | 3 | 72 | 1,3 | 2,0 | Dyshliuk N. V. 527-86-19 |
| 7 | Fish anatomy | Ukrainian | 3 | 72 | 1,3 | 2,0 | Mel'nyk O. P. 527-76-25 |
| 8 | General ichthyology | Ukrainian | 4 | 144 | 2,5 | 4,0 | Tsedyk V. V. 527-86-83 |
| 9 | Special ichthyology | Ukrainian | 5 | 144 | 2,5 | 4,0 | Shevchenko P. H. 527-89-18 |
| 10 | Fish breeding and selection | Ukrainian | 5, 6 | 302 | 5,5 | 8,5 | Trofymenko O. L. 527-86-79 |
| 11 | Fish feeding | Ukrainian | 5, 6 | 252 | 4,5 | 7,0 | Kondratiuk V. M. 527-85-56 |
| 12 | Pond stocking | Ukrainian | 7, 8 | 252 | 4,5 | 7,0 | Andriuschenko A. I. 527-89-65 |
| 13 | Fish culture in rivers, lakes and storage reservoirs | Ukrainian | 7, 8 | 216 | 4,0 | 6,0 | Kovalenko V. O. 527-86-79 |
| 14 | Industrial fish culture | Ukrainian | 7 | 180 | 3,0 | 5,0 | Kovalenko V. O. 527-86-79 |
| 15 | Industrial fishing foundations | Ukrainian | 5, 6 | 252 | 4,5 | 7,0 | Shkarypa O. V. 527-86-79 |
| 16 | Maricultural foundations | Ukrainian | 6 | 108 | 2,0 | 3,0 | Shkarypa O. V. 527-86-79 |
| 17 | Fish processing technology | Ukrainian | 7 | 144 | 2,5 | 4,0 | Lebs'ka T. K. 527-88-85 |
| 18 | Standardization of aquaculture production | Ukrainian | 5 | 72 | 1,3 | 2,0 | Slobodianiuk N. M. 527-88-85 |
| 19 | Ichthyopathology | Ukrainian | 5 | 144 | 2,5 | 4,0 | Vovk N. I. 527-86-83 |
| 20 | Fish culture economy | Ukrainian | 7 | 144 | 2,5 | 4,0 | Vdovenko N. M. 527-88-59 |
| 21 | Fish culture accounting | Ukrainian | 7 | 72 | 1,3 | 2,0 | Vdovenko N. M. 527-88-59 |
| 22 | Organisation of fish culture production | Ukrainian | 8 | 72 | 1,3 | 2,0 | Lykianchuk N. V. 527-88-59 |
| 23 | Fish culture management and marketing | Ukrainian | 8 | 72 | 1,3 | 2,0 | Vdovenko N. M. 527-88-59 |
| Total for the 1st cycle of professional and practical training | | | | 3326 | 61,5 | 92,5 | - |
| The 2nd subcycle of professional and practical training | | | | | | | |
| 1 | Hydrobotany | Ukrainian | 2 | 54 | 1,0 | 1,5 | Alenikov I. M. 527-85-76 |
| 2 | Zoology (spineless and chordate) | Ukrainian | 2 | 162 | 3,0 | 4,5 | Zubko P. D. 527-86-83 |
| 3 | Hydrobiology | Ukrainian | 4 | 108 | 2,0 | 3,0 | Khyzhniak M. I. 527-83-10 |
| 4 | Ichthyology (general and special) | Ukrainian | 4 | 162 | 3,0 | 4,5 | Shevchenko P. H. 527-89-18 |
| 5 | Fish breeding and selection | Ukrainian | 6 | 108 | 2,0 | 3,0 | Trofymenko O. L. 527-86-79 |
| 6 | Fish feeding | Ukrainian | 6 | 54 | 1,0 | 1,5 | Kondratiuk V. M. 527-85-56 |
| 7 | Ichthyopathology | Ukrainian | 6 | 54 | 1,0 | 1,5 | Vovk N. I. 527-86-83 |
| 8 | Fish culture hydrotechnics with geodesy foundations | Ukrainian | 4, 6 | 108 | 2,0 | 3,0 | Ihnatov O. V. 527-86-79 |
| Total for the 2nd subcycle of professional and practical training | | | | 810 | 15,0 | 22,5 | - |
| Total with the cycle of professional and practical training | | | | 3326 | 61,5 | 92,5 | - |
| Total with the compulsory component | | | | 5572 | 103,1 | 155,0 | - |

| Optional Component for 8.130301 – “Water Bioresources” | | | | | | | |
|---|--|-----------|------|-------------|--------------|-------------|--------------------------------|
| Disciplines chosen by the University | | | | | | | |
| 1 | Introduction to the speciality | Ukrainian | 1 | 108 | 2,0 | 3,0 | Alimov S.I. 527-89-65 |
| 2 | Biological basis of fisheries | Ukrainian | 6 | 194 | 3,5 | 5,0 | Vovk N.I. 527-86-83 |
| 3 | Fundamentals of fisheries and fishery legislation | Ukrainian | 8 | 72 | 1,0 | 2,0 | Glebova J.A. 527-83-10 |
| 4 | Technical means in fish culture | Ukrainian | 6 | 108 | 2,0 | 3,0 | Mytiay I.S. 527-89-65 |
| 5 | Physical and Colloid Chemistry | Ukrainian | 6 | 72 | 1,0 | 2,0 | Vovkotrub M.P. 527-88-45 |
| 6 | Water microbiology | Ukrainian | 4 | 108 | 2,0 | 3,0 | Kireeva I.J. 527-82-64 |
| 7 | Methods of research in fish culture | Ukrainian | 5 | 144 | 2,5 | 4,0 | Yevtushenko M.J. 527-83-10 |
| 8 | Hydrology and meteorology | Ukrainian | 4 | 108 | 2,0 | 3,0 | Glebova J.A. 527-83-10 |
| 9 | Water toxicology | Ukrainian | 4, 5 | 252 | 4,5 | 7,0 | Dudnyk S.V. 527-83-10 |
| 10 | Fisheries hydrotechnics with fundamentals of geodesy | Ukrainian | 3 | 304 | 6,0 | 8,5 | Iganov O.V. 527-86-79 |
| 11 | Designing of the piscicultural enterprises | Ukrainian | 8 | 144 | 3,0 | 4,5 | Iganov O.V. 527-89-65 |
| 12 | Basics of aquariumistics | Ukrainian | 6 | 180 | 3,0 | 5,0 | Zubko P.D. 527-86-83 |
| 13 | Latin language | Latin | 2 | 36 | 0,5 | 1,0 | Galychina N.V. 527-87-26 |
| Total for the disciplines of the University's choice | | | | 1830 | 34,0 | 51,0 | - |
| Disciplines chosen by students | | | | | | | |
| 1 | Psychology | Ukrainian | 5 | 36 | 0,5 | 1,0 | Jashnyk. S.V. 257-22-10 |
| 2 | Sociology | Ukrainian | 4 | 36 | 0,5 | 1,0 | Cherniy A.M. 527-81-71 |
| 3 | Logic, religion, ethics and aesthetics | Ukrainian | 3, 5 | 72 | 1,0 | 2,0 | Horbatyuk T.V. 527-81-50 |
| 4 | Politology | Ukrainian | 7 | 36 | 0,5 | 1,0 | Cherniy A.M. 527-81-71 |
| 5 | Economic theory | Ukrainian | 4 | 36 | 0,5 | 1,0 | Lakishyn O.V. 527-82-35 |
| 6 | Jurisprudence | Ukrainian | 8 | 36 | 0,5 | 1,0 | Haiduk A.V. 257-33-10 |
| 7 | Bioresources of hydrosphere and their use | Ukrainian | 6 | 162 | 3,0 | 4,5 | Dudnik S.V. 527-83-10 |
| 8 | Foundations of cattle breeding | Ukrainian | 7 | 162 | 3,0 | 4,5 | Poliakovskiy V.M. 527-81-56 |
| 9 | Hydroecology | Ukrainian | 5 | 144 | 2,5 | 4,0 | Kireeva I.J. 527-82-64 |
| 10 | Sanitation and hygiene in fish culture | Ukrainian | 8 | 144 | 2,5 | 4,0 | Poliakovskiy V.M. 527-81-56 |
| 11 | Hidromammaliolohiya | Ukrainian | 6 | 72 | 1,0 | 2,0 | Kurbatova I.M. 527-86-83 |
| Total for the disciplines of the students' choice | | | | 936 | 16,0 | 26,0 | - |
| Total with the optional component | | | | 2766 | 50 | 77 | - |
| Total with the area of training | | | | 8338 | 153,1 | 232 | - |

* Physical Training is included into the weekly classroom load (30 hours), but it is not an academic credit discipline.

Tentative topics for Bachelor's projects

1. Cultivation of selection forms of discussions (*Symphysodon aequifasciata*) in artificial decorative aquasystems.
2. Morpho-biological characteristics of pike and its industrial importance in the Kremenchug reservoir;
3. Technology of factory reproduction of carp (*Cyprinus carpio* L.) and preventive measures its eggs in incubation period in OJSC "Kyyivrybhosp";
4. Influence of abiotic factors on the morpho-biological indicators of freshwater hanoyidnyh osseous and cartilaginous fishes;
5. Species composition, biological indicators of fish and other plankton in the Makortovskiy reservoir of Saksagan Dnipropetrovsk region.
6. Tempo of growing and maturation of *Barbus* genus *Puntius* (*Cyprinidae*) for different technologies of artificial feeding aquasystems;
7. Technology of factory reproduction of white Amur (*Ctenopharyngodon idella*) and effectiveness of preventive measures saprolehniozu of eggs during its incubation period in OJSC "Kyyivrybhosp";
8. Breeding-ground biological of design and construction of fish pass on Alexandrov hydrosystem on the South Bug River;
9. Technology of maintenance and breeding of *Astronotus ocellatus* in artificial decorative aquasystems;
10. Equipment and design of artificial decorative aquasystem of the open type about holding of fish family *Centrarchidae*;
11. Composition of the ichthyofauna and biological indicators of indigenous fish species of Skybenetskoho reservoir on Ros river in Kiev region;
12. The efficiency of reproduction industrial fitofilnyh fish species in Kaniv Reservoir;
13. The structure of the ichthyofauna and biological characteristics of fish in ponds-cooling Vuglegirs'ka TPP in Donetsk region;
14. Prospects of artificial recreation of Grayling (*Thymallus thymallus*) in conditions od fish farms in Western Ukraine;
15. Morpho-biological characteristics and industrial importance perch (*Stizostedion lucioperca*) of Kremenchug reservoir;
16. Technology of factory recreation of white (*Hypophtalmichthys molitrix*) and motley (*Aristichthus nobilis*) silver carps in Irkliiv fishpond;
17. Formation of natural forage in the technological process of growing carp (*Cyprinus carpio* L.) in breeding ponds VP NUBendN of Ukraine "Nemishayevskyy agrotechnical College;
18. Methods of increasing the natural food base and growing fishbreeding material in ponds OJSC "Ulanov rybhosk" in Vinnytsia region;
19. Efficiency of White Amur using (*Ctenopharyngodon idella* Val.) for biomelioration of breeding ponds of OJSC "Mercury" Vinnytsia region;
20. The technology of artificial reproduction of channel catfish (*Ictalurus punctatus*) in fish economy OJSC "Chernihivrybhosp";
21. Biotechnics of artificial reproduction of White Amur (*Ctenopharyngodon idella* Val.) on the base of VP NUBendN of Ukraine "Nemishayevskyy agrotechnical College;
22. Influence of hydrochemical structure of water on the artificial reproduction processes of motley silver carp on base of VP NUBendN of Ukraine "Nemishayevskyy agrotechnical College;
23. Technology of factory reproduction of carp (*Cyprinus carpio* L.) in fish economy "Mercury" in Vinnytsa region;
24. The technology of artificial reproduction of European catfish (*Silurus glanis*) in OJSC "Chernihivrybhosp";
25. The role of natural food base in the formation of biological productivity of breeding ponds in OJSC "Chernihivrybhosp";

26. Fish and biological features of lifetime and post mortem methods of obtaining sexual products of beluga (*Huso huso*) under conditions of Kizansky Plant (Astrakhan, Russia);
27. Technology of rearing young sterlet (*Acipenser ruthenus*) in the closed water treatment in fish economy in OJSC "Chernihivrybhosp";
28. Efficiency of using Black Cupid (*Mylopharyngodon piceus* Rich.) for bioremediation of basin cooler of Khmelnytsky NPP;
29. Methods of increasing the natural food base and formation of biological productivity of breeding ponds in rybhosp "Nyvka" IRH UAAS;
30. Technology of lifetime getting genital products from the Russian sturgeon (*Acipenser guldenstadtii*) under conditions of Kizansky sturgeon fishbreeding Plant (Astrakhan, Russia);
31. The influence of water quality on the processes of artificial reproduction of carp (*Cyprinus carpio* L.) in fish economy of Ulanov rybtsheh in Vinnytsia region;
32. The role of zooplankton in the formation of biological productivity of breeding ponds in OJSC Yagotinsky rybhosp;
33. Technology of rearing young sterlet (*Acipenser ruthenus*) in planting under conditions of fish economy in CJSC "Tripoli";
34. Fishing and Biological study to the project of the trademarks pond economy on growing carp fish on the base of ponds in IP "Nemishaevo agrotechnical College";
35. Breeding of this year's carp with getting of larva by factory method and pond method in Ulaniv rybtsheh;
36. Technology of getting carp seed by factory method on the basis of Shevchenko CJSC.
37. Condition of ichthyofauna of reservoirs in Rivne region of fishery protection and use;
39. Selection and breeding work with carp Lubin intrabreed Ukrainian type breeds scaly carp and carp fish cultivation in ponds experienced industry "Great Lubin" IRH UAAS;
40. Breeding-biological study of the project fishpond cultivation tsoholitkiv lyubinskoho ramchastoho carp forest steppe zone of Ukraine;
42. Incubation and cultivation of carp, herbivorous fish and paddlefish in ponds VP "Nemishaevo agrotechnical College";
43. Growing carp, sterlet, channel catfish and herbivorous fish in ponds JSC Donrybkombinat;
45. Breeding and biological evaluation of breeding material ryboposadkovoho salmon fish-based rybhospu "Nyvka" DG IRH biochemistry.

2.5. EDUCATIONAL INSTITUTE OF VETERINARY MEDICINE AND LIVESTOCK PRODUCTS QUALITY AND SAFETY

The Institute director is Doctor of Veterinary Sciences, Professor, Academician of Academy of Science of Higher School of Ukraine **Natalia Michailivna Soroka**.

Tel.: (044) 527-82-31 E-mail: vetmed_nni_director@twin.nauu.kiev.ua

Location: educational building №12, room. 307 Г 307 G.

The ESI of Veterinary Medicine and Livestock Products Quality and Safety includes:

Faculty of Veterinary Medicine

The Dean is Doctor of Veterinary Science, Professor **Michaelo Petrovich Prus**.

Tel.: (044) 527-82-98 E-mail: qualityfood_dean@twin.nauu.kiev.ua

Location: educational building № 12, room. 301 G

The Faculty conducts training for EQL “Bachelor” in the areas:

6.110101 – “Veterinary Medicine”

Qualification of graduates: Assistant Doctor of Veterinary Medicine

Graduates’ academic rights – can continue their study for the Master’s degree majoring in a relevant area from the curricula of undergraduate programs, beginning with the second year of study.

8.130501 “Veterinary Medicine”

or with specialities of the study area “Specific categories”:

8.000001 – “Quality, Standardization and Certification”

8.000005 – “Pedagogics of Higher School”

8.000007 – “Administrative Management”

Bases of students’ practical studies: –OE NULES of Ukraine “Velykosnitynske” NDH Muzychenko "OE NULES of Ukraine “ NDH “Vorzel” OE NULES Ukraine “Agronomical Research Station”, GSP NULES of Ukraine “Nemishaevo Agrotechnical College”. Students take practical training at the Agricultural enterprises of different forms of ownership, public or private schools of veterinary medicine (clinical, laboratory, etc.).

Area of training 6.110101 – “Veterinary Medicine”

Training is carried out in:

- **Basic institution of the University (Kyiv);**
- **SA NULES of Ukraine “Crimean Agrotechnical University”.**

The structure of curriculum of training for EQL “Bachelor” in the area “Veterinary Medicine”

The Curriculum is concluded on the basis of educational and vocational training programs EQL “Bachelor” for " **Veterinary Medicine** ".

The compulsory component of the curriculum consists of 3 training cycles: the humanitarian and socio-economical, natural and scientific, professional and practical, totaling 8334 hours., 154.2 national credit, 231.5 ECTS credits.

The optional component of the curriculum consists of Disciplines chosen by the University and by students totaling 504 hours., 9,2 national credits, 14 ECTS credits.

The total time by the curriculum makes up 8838 hours., 163.4 National Credit, 245.5 ECTS credits.

The curriculum includes:

riting 13 course projects (works) in: Safety, Feeding Animals, The Clinical Diagnosis of Internal Diseases, Operative Surgery, Anatomy and Anesthesiology, Obstetrics, Gynecology and Reproductive Biotechnology with Agricultural Animals with the Basics of Andrology, and Pathological Anatomy Section, Invasive Diseases and Parasitology, Toxicology, Veterinary Organization and Economics Affairs, General and Special Surgery, Epizootology and Infectious Diseases, Internal Diseases, Clinical Biochemistry.

14 practical trainings: academic, production, technology.

Training period is 4 years 10 months.

State certification comprises a state examination, writing and defending a Bachelor’s paper

Curriculum for EQL “Bachelor” in the area “Veterinary Medicine”

| Number | Academic Discipline, Practice | Language of Training | Semester | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|---|--|-------------------------|----------------|--------|----------|------|--|
| | | | | Hours | Credits | | |
| | | | | | National | ECTS | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and socio-economic training | | | | | | | |
| 1 | Ukrainian language (For professional direction) | Ukrainian | 1 / 2 | | | | Dyachenko, L.A., (044) 5278363, ukr_chair@twin.nauu.kiev.ua |
| 2 | History of Ukraine | Ukrainian | 1 \ 1 | | | | Kropyvko O.M. |
| 3 | History of Ukrainian Culture | Ukrainian | 1 \ 1 | | | | Melnichuk T.F., (044) 527-88-12, culturolog@twin.nauu.kiev.ua |
| 4 | Foreign Language | German, English, French | 1 \ 1-2; 2/1-2 | | | | Hrabovska T.A., (044) 5278363, foreign_chair@twin.nauu.kiev.ua |
| 5 | Philosophy | Ukrainian | 2 \ 1 | 90 | | | Priymak O.G., (044) 527-82-39, Philosopher@twin.nauu.kiev.ua |
| 6 | Physical Training * | Ukrainian | 1 \ 1-2; 2/1-2 | 216 | | | Gordeeva S.V. (044) 5278747, sport_chair@twin.nauu.kiev.ua |
| Total for the cycle of humanitarian and socio-economic training | | | | | 10.6 | 16 | |
| Cycle of natural-scientific training | | | | | | | |
| 14 | Bioneorhanichna chemistry | Ukrainian | 1 \ 1 | | 2.7 | 4 | Kosmatyy V.E., (044) 5278095, organic_chair@twin.nauu.kiev.ua |
| 15 | Biophysics | Ukrainian | 1 \ 1 | | 2.0 | 3 | Posudin Y.I., (044) 527-83-55, posudin@nauu.kiev.ua |
| 16 | Organic chemistry | Ukrainian | 1 / 2 | | 2.0 | 3 | Yakubovich T.N. (044) 5278897, organic_chair@twin.nauu.kiev.ua |
| 17 | Botany | Ukrainian | 1 \ 1 | 54 | 1.0 | 1.5 | Aleinikov I.M., (044) 5278576, zoo_chair@twin.nauu.kiev.ua |
| 18 | Zoology | Ukrainian | 1 \ 1 | 54 | 1.0 | 1.5 | Kurbatov I.M. (044) 5278683, zoo_chair@twin.nauu.kiev.ua |
| 19 | Biochemistry of the fundamentals of physical and colloid chemistry | Ukrainian | 2 \ 1-2 | 252 | 4.7 | 7 | Melnikova N.M., (044) 527-86-40, biochem_chair@twin.nauu.kiev.ua |
| 20 | Anatomy of domestic animals | Ukrainian | 1 / 1-2 2 / 1 | 432 | 8.0 | 12 | Rudic S.K., (044) 527-86-24, anatomanim_chair@twin.nauu.kiev.ua |
| 21 | Genetics in Veterinary Medicine | Ukrainian | 2 \ 2 | 144 | | | Kostenko V.A., (044) 5278792, selection_chair@twin.nauu.kiev.ua |
| 22 | Ecology in Veterinary Medicine | Ukrainian | 1 / 2 | 144 | | | Miskevych S.V. (044) 527-80-16, gistology_chair@twin.nauu.kiev.ua |
| 23 | Cytology, histology, embryology | Ukrainian | 1 / 2, 2 / 1 | 252 | | | Fomichev V.T. (044) 527-80-16, gistology_chair@twin.nauu.kiev.ua |
| 24 | Animal Physiology | Ukrainian | 2/1-2 | 252 | | | Karpovskie V.I., (044) 527-83-44, animphysio_chair@twin.nauu.kiev.ua |

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|----|---|-----------|---------|-----|--|--|--|
| 25 | Feeding animals | Ukrainian | 2 / 2 | 144 | | | Chigrin A., (044) 527-82-23, feeding_chair @ twin . nauu.kiev.ua |
| 26 | Breeding Basics | Ukrainian | 2 / 2 | 126 | | | Barreled V.M., (044) 5278230, breeding_chair @ twin . nauu.kiev.ua |
| 27 | Veterinary Microbiology | Ukrainian | 2 \ 2 | 180 | | | Skybitsky V.G. (044) 527-88-66, mikrobe_chair @ twin . nauu.kiev.ua |
| 28 | Veterinary Immunology | Ukrainian | 3 / 2 | 72 | | | Kuts N.V., (044) 527-83-44, animphysio_chair@twin.nauu.kiev.ua |
| 29 | Veterinary Virology | Ukrainian | 3 \ 1 | 180 | | | Skybitsky V.G. (044) 527-88-66, mikrobe_chair@twin.nauu.kiev.ua |
| 30 | Pathological Physiology | Ukrainian | 3 \ 1-2 | 262 | | | Mazurkevich A.Y., (044) 527-80-12, amaz@nauu.kiev.ua |
| 31 | Medicinal plants | Ukrainian | 2 \ 2 | 72 | | | Panko M.F., (044) 527-80-29, pharma_chair @ twin . nauu.kiev.ua |
| 32 | Biotechnology in Veterinary Medicine | Ukrainian | 3 / 2 | 144 | | | Skybitsky V.G. (044) 527-88-66, mikrobe_chair @ twin . nauu.kiev.ua |
| 33 | Veterinary radiobiology | Ukrainian | 3 / 2 | 144 | | | Lazarev N. (044) 5267445, radiobio_chair @ twin . nauu.kiev.ua |
| 34 | Professional ethics of veterinary Medicine Doctor | Ukrainian | 5 \ 1 | 72 | | | Karpovskie V.I., (044) 527-83-44, animphysio_chair @ twin . nauu.kiev.ua |

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|---|--|-----------|---------------|-------------|-------------|-------------|---|
| Total for the cycle of natural-scientific training | | | | 3510 | 65,0 | 97,5 | |
| Cycle of professional and practical training | | | | | | | |
| 36 | Clinical diagnostics of internal illnesses of animals | Ukrainian | 3\1-2 | 252 | 4,7 | 7 | Tsvilikhovskiy M.I., (044) 527-83-60, m_tsvilikhovsky@ukr.net |
| 37 | Operative surgery, topographical anatomy and anaesthesiology | Ukrainian | 3\1-2 | 216 | 4,0 | 6 | Petrenko O.F., (044) 527-88-68, surgery_chair@twin.nauu.kiev.ua |
| 38 | Obstetrics, gynaecology and biotechnics of reproduction of animals, with bases of andrology | Ukrainian | 3\2; 4\1-2 | 324 | 6,0 | 9 | Lyubetskiy V. Y., (044) 527-83-46, reproduce_chair@twin.nauu.kiev.ua |
| 39 | Pathoanatomy, section and judicial veterinary science | Ukrainian | 4\1-2; 5\1 | 324 | 6,0 | 9 | Borysevych B.V., (044) 527-86-17, patanat_chair@twin.nauu.kiev.ua |
| 40 | Pharmacology | Ukrainian | 3\1-2 | 270 | 5,0 | 7,5 | Pan'ko M. F., (044) 527-80-29, pharma_chair@twin.nauu.kiev.ua |
| 41 | Clinical biochemistry | Ukrainian | 5\1 | 126 | 2,3 | 3,5 | Mel'nikova N.M., (044) 527-86-40, biochem_chair@twin.nauu.kiev.ua |
| 42 | Toxicology | Ukrainian | 4\1 | 126 | 2,3 | 3,5 | Pan'ko M. F., (044) 527-80-29, pharma_chair@twin.nauu.kiev.ua |
| 43 | Management and marketing in veterinary medicine | Ukrainian | 4\1 | 144 | 2,7 | 4 | Nedosekov V.V., (044) 527-89-22, infection_chair@twin.nauu.kiev.ua |
| 44 | General and special surgery | Ukrainian | 4\1-2; 5\1 | 288 | 5,3 | 8 | Petrenko O.F., (044) 527-88-68, surgery_chair@twin.nauu.kiev.ua |
| 45 | Veterinary and sanitary examination with standartization bases of cattle – breeding production | Ukrainian | 4\1-2; | 252 | 4,7 | 7 | Yakubchak O.M, (044) 527-88-41, vse@nauu.kiev.ua |
| 46 | Parasitology and invazial illnesses | Ukrainian | 4\1-2; | 252 | 4,7 | 7 | Didash K.V., (044) 527-87-86, kaf_parasitology@mail.ru |

| | | | | | | | |
|---|--|-----------|---------------|-------------|--------------|--------------|--|
| 47 | Epizootology and infectious diseases | Ukrainian | 4\2; 5\1-2 | 432 | 8,0 | 12 | Nedosekov V. V., (044) 527-89-22, infection_chair@twin.nauu.kiev.ua |
| 48 | Internal illnesses of animals | Ukrainian | 4\2; 5\1-2 | 432 | 8,0 | 12 | Tsvilikhovskiy M.I., (044) 527-83-60, m_tsvilikhovsky@ukr.net |
| 49 | Organization and economy of veterinary business | Ukrainian | 5\1-2 | 144 | 2,7 | 4 | Nedosekov V. V., (044) 527-89-22, infection_chair@twin.nauu.kiev.ua |
| 50 | Labour protection in veterinary medicine | Ukrainian | 2\1 | 72 | 1,3 | 2 | Bil'ko T.O., (044) 5278299, OP_chair@twin.nauu.kiev.ua |
| 51 | Safety of vital functions | Ukrainian | 1\2 | 72 | 1,3 | 2 | Kalivoshko M. F., (044) 5278299, OP_chair@twin.nauu.kiev.ua |
| Total for the cycle of professional and practical training | | | | 3726 | 69,0 | 103,5 | |
| Total with the compulsory component | | | | 8334 | 154,2 | 231,5 | |
| Optional Component for 8.130501 – “Veterinary Medicine” | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| 1 | Bases of beekeeping and technology of products of beekeeping | Ukrainian | 5\2 | 72 | 1,3 | 2 | Brovarskiy V.D., (044) 5278071, apiculture_chair@twin.nauu.kiev.ua |
| 2 | Illnesses of bees | Ukrainian | 5\2 | 72 | 1,3 | 2 | Litvinenko V.M., (044) 5278920, infection_chair@twin.nauu.kiev.ua |
| 3 | Labour protection | Ukrainian | 5\2 | 54 | 1,0 | 1,5 | Bil'ko T.O., (044) 5278299, OP_chair@twin.nauu.kiev.ua |
| 4 | Sociology | Ukrainian | 2\1 | 54 | 1,0 | 1,5 | Semchins'kiy K.V., (044) 5278171, politics@twin.nauu.kiev.ua |
| 5 | Politology | Ukrainian | 5\2 | 72 | 1,3 | 2 | Semchins'kiy K. V., (044) 5278171, politics@twin.nauu.kiev.ua |
| 6 | Jurisprudence | Ukrainian | 3\2 | 72 | 1,3 | 2 | Kozachuk O.A., (044) 259-97-25, lawyer_dean@twin.nauu.kiev.ua |
| 7 | Psychology | Ukrainian | 1\2 | 72 | 1,3 | 2 | Svystun V. I., (044) 257-22-10, psychology_chair@twin.nauu.kiev.ua |
| Total for the disciplines of the University's choice | | | | 468 | 8,5 | 13 | |
| Disciplines chosen by students | | | | | | | |
| 1 | Informatics in veterinary medicine | Ukrainian | 5/1 | 36 | 0,7 | 1 | Tarasenko R.O., (044) 527-84-72, compute_chair@twin.nauu.kiev.ua |
| 2 | Latin (terminology) | Ukrainian | 1\1 | 108 | 2,0 | 3 | Vakulik I.I., (044) 5278726, latina_chair@twin.nauu.kiev.ua |
| 3 | Culturology | Ukrainian | 1\2 | 72 | 1,3 | 2 | Mel'nichuk T.F., (044) 527-88-12, culturolog@twin.nauu.kiev.ua |
| 4 | History of veterinary medicine | Ukrainian | 1\1 | 54 | 1,0 | 1,5 | Rudik S.K., (044) 527-86-24, anatomanim_chair@twin.nauu.kiev.ua |
| 5 | Economic theory | Ukrainian | 1\2 | 72 | 1,3 | 2 | Muzichenko T.O., (044) 527-82-35, ekteor_chair@twin.nauu.kiev.ua |
| Total for the disciplines of the students' choice | | | | 342 | 6,3 | 9,5 | |
| Total with the optional component | | | | 810 | 14,8 | 22,5 | |
| Total with the area of training | | | | 8838 | 163,4 | 245,5 | |

* Physical Training is included into the weekly classroom load (30 hours), but it is not an academic credit discipline.

Tentative topics for Bachelor's projects

1. Distribution, clinical display and treatment of babesiosis illness dogs.
2. Comparative efficiency of some insectoacaricides in the form of spot on for a prophylaxis and treatment of demodectosis of dogs in the veterinary clinics of Darnitsky district in Kyiv.
1. Measures of fight against the most widespread intestinal helminthiasis of horse in Pidmanove village, Shatsky district of Volyn' region.
2. Application of probiotics for treatment and prophylaxis of gastroenteric diseases of calves in PVE «Kam'yanka» of Popelnyansky district in Zhitomir region.
3. The application of immunostimulators in the case of keen melady digestion for calves.
4. Therapeutic efficiency of corticosteroids in the case of joint diseases for horses.
5. The application of preparation "Ekonica" in the case of skin rash for dogs.
6. The methods of treatment of chronic nephritis for cats.
7. Bacterial diagnostics of dyspepsia for calves as the stage of constructing of probiotic.
8. Comparative efficiency of different methods of treatment of calves, with catarrhal bronchopneumonia.
9. Comparative efficiency of methods of treatment for pigs umbilical hernia.
10. Comparative description of intramedullary osteosynthesis for dogs and cats.
11. Surgical methods of treatment of cats with urolithiasis.
12. Cows catarrhal mastitis: diagnostics and treatment.
13. Efficiency of medical and prophylactic measures at the sows fall of uterus.
14. Cows suspension of fecundity: treatment and prophylaxis.
15. Monitoring of epizootic situation from tuberculosis of cattle.
16. Prophylaxis and treatment of oedematous illness of pigs in Joint Stock Company PZ «Agroregion» Borispil district, Kyiv region.
17. Diagnostics and measures of liquidation of viral transmissible gastroenteritis of pigs in Limited Liability Company «Virtura» Novomirivsky district, Kirovograd region.
18. Prophylaxis and measures of fight against hydrophobia in Bershadsky district, Vinnitsa region.
19. Modern methods of diagnostics, treatment and prophylaxis of most widespread dermatomycoses of domestic animals.
20. Epizootic situation and measures of prophylaxis of infectious diseases of pigs in United Limited Liability Company «Kniazhychy» Brovary district, Kyiv region.

Training EQL “Bachelor” with the shorter training period meant for Junior Specialists

Graduates who have received EQL “Junior Specialist” for the area **6.110101 – “Veterinary Medicine”** with the specialization:

5.110101 – “Veterinary Medicine”

are admitted to training for EQL “Bachelor” with the shorter (3 years 6 months) training period after passing the entrance examinations in professional disciplines and eliminating differences in academic curricula.

Curriculum for EQL “Bachelor” with the shorter (3 years 6 months) training period in the area “Veterinary Medicine” meant for Junior Specialists

| Num ber | Academic Discipline, Practice | Language of Training | Semester | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|---|---|-------------------------------|----------|--------|----------|------|--|
| | | | | Hours | Credits | | |
| | | | | | National | ECTS | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and socio-economic training | | | | | | | |
| 1 | Ukrainian (for professional direction) | Ukrainian | 1\1 | 54 | 1,0 | 1,5 | Dyachenko L.A., (044) 5278363, ukr_chair@twin.nauu.kiev.ua |
| 2 | History of Ukraine | Ukrainian | 1\1 | 54 | 1,0 | 1,5 | Kropivko O.M., (044) 5278116, history@twin.nauu.kiev.ua |
| 3 | History of the Ukrainian culture | Ukrainian | 1\1 | 72 | 1,3 | 2 | Mel'nichuk T.F., (044) 527-88-12, culturolog@twin.nauu.kiev.ua |
| 4 | Foreign language | German, English, French | 1\1-2 | 216 | 4,0 | 6 | Grabovs'ka T.O., (044) 5278363, foreign_chair@twin.nauu.kiev.ua foreign_c hair |
| 5 | Philosophy | Ukrainian | 2\1 | 72 | 1,3 | 2 | Priymak O.G. (044) 527-82-39, philosopher@twin.nauu.kiev.ua |
| 6 | Physical culture * | Ukrainian | 1\1-2 | 216 | 4,0 | 6 | Gordeeva S.V. (044) 5278747, sport_chair@twin.nauu.kiev.ua |
| Total for the cycle of humanitarian and socio-economical training | | | | 414 | 7,6 | 11,5 | |
| Cycle of natural-scientific training | | | | | | | |
| 7 | Inorganic chemistry | Ukrainian | 1\1 | 144 | 2,7 | 4 | Kosmatiy V.E. (044) 5278095, organic_chair@twin.nauu.kiev.ua |
| 8 | Biophysics | Ukrainian | 1\1 | 108 | 2,0 | 3 | Posudin Yu.I. (044) 527-83-55, posudin@nauu.kiev.ua |
| 9 | Organic chemistry | Ukrainian | 1\2 | 108 | 2,0 | 3 | Yakubovich T.M., (044) 5278897, |

| | | | | | | | |
|----|--|-----------|----------|-----|-----|-----|---|
| | | | | | | | organic_chair@twin.nauu.kiev.ua |
| 10 | Biochemistry of animals with bases of physical and colloid chemistry | Ukrainian | 2\1 | 180 | 3,3 | 5 | Mel'nikova N.M., (044) 527-86-40, biochem_chair@twin.nauu.kiev.ua |
| 11 | Anatomy of home animals | Ukrainian | 1\1-2 | 234 | 4,3 | 6,5 | Rudik S.K., (044) 527-86-24, anatomanim_chair@twin.nauu.kiev.ua |
| 12 | Genetics in veterinary medicine | Ukrainian | 1\2 | 126 | 2,3 | 3,5 | Kostenko V.O., (044) 5278792, selection_chair@twin.nauu.kiev.ua |
| 13 | Ecology in veterinary medicine | Ukrainian | 1\2 | 108 | 2,0 | 3 | Miskevich S.V. (044) 527-80-16, gistology_chair@twin.nauu.kiev.ua |
| 14 | Cytology, histology, embryology | Ukrainian | 1\2; 2\1 | 216 | 4,0 | 6 | Khomich V.T. (044) 527-80-16, gistology_chair@twin.nauu.kiev.ua |
| 15 | Zoophysiology | Ukrainian | 2\1-2 | 198 | 3,7 | 5,5 | Karpovskiy V.I. (044) 527-83-44, animphysio_chair@twin.nauu.kiev.ua |
| 16 | Feeding of animals | Ukrainian | 2\1 | 126 | 2,3 | 3,5 | Chigrin a.I. (044) 527-82-23, feeding_chair@twin.nauu.kiev.ua |
| 17 | Bases of breeding of animals | Ukrainian | 1\2 | 108 | 2,0 | 3 | Bochkov B.M, (044)5278230, breeding_chair@twin.nauu.kiev.ua |
| 18 | Veterinary microbiology | Ukrainian | 2\2 | 108 | 2,0 | 3 | Skibitskiy V.G. (044) 527-88-66, mikrobe_chair@twin.nauu.kiev.ua |
| 19 | Veterinary immunology | Ukrainian | 2\2 | 72 | 1,3 | 2 | Kuts N.V., (044) 527-83-44, animphysio_chair@twin.nauu.kiev.ua |
| 20 | Veterinary virology | Ukrainian | 3\1 | 144 | 2,7 | 4 | Skibitskiy v.G. (044) 527-88-66, mikrobe_chair@twin.nauu.kiev.ua |
| 21 | Physiopathology | Ukrainian | 2\2; 3\1 | 180 | 3,3 | 5 | Mazurkevich a.Y., (044) 527-80-12, amaz@nauu.kiev.ua |
| 22 | Medical plants | Ukrainian | 1\2 | 72 | 1,3 | 2 | Pan'ko M.F., (044) 527-80-29, pharma_chair@twin.nauu.kiev.ua |
| 23 | Biotechnology in veterinary medicine | Ukrainian | 3\1 | 144 | 2,7 | 4 | Skibitskiy V.G. (044) 527-88-66, mikrobe_chair@twin.nauu.kiev.ua |
| 24 | Veterinary radiobiology | Ukrainian | 4\1 | 144 | 2,7 | 4 | Lazarev M.M. (044) 5267445 radiobio_chair@twin.nauu.kiev.ua |
| 25 | Professional ethics of the doctors | Ukrainian | 2\2 | 72 | 1,3 | 2 | Karpovskiy V.I., |

| | | | | | | | |
|--|--|-----------|----------|-------------|-------------|-----------|--|
| | of veterinary medicine | | | | | | (044) 527-83-44, animphysio_chair@twin.nauu.kiev.ua |
| 26 | Zoological hygiene | Ukrainian | 2\1 | 144 | 2,7 | 4 | Zasyekin D.A., (044) 5278041, vetsanitaria_chair@twin.nauu.kiev.ua |
| Total for cycles of natural-scientific training | | | | 2736 | 50,7 | 76 | |
| The cycle of professional and practical trainings | | | | | | | |
| 27 | The Clin. diagnostics animal's internal diseases | Ukrainian | 2\2 | 180 | 3,3 | 5 | Tsvilikhovskiy M.I., (044) 527-83-60, m_tsvilikhovsky@ukr.net |
| 28 | The Operative surgery, topographic anatomy and anesthesiology | Ukrainian | 2\2 | 144 | 2,7 | 4 | Petrenko O.F., (044) 527-88-68, surgery_chair@twin.nauu.kiev.ua |
| 29 | The obstetrics, a gynaecology and biotechnics reproduction of animals with the basics of andrology | Ukrainian | 2\2; 3\1 | 216 | 4,0 | 6 | Lubeckiy V.I., (044) 527-83-46, reproduce_chair@twin.nauu.kiev.ua |
| 30 | The Pathological anatomy, an autopsy and a forensic veterinary | Ukrainian | 3\2; 4\1 | 216 | 4,0 | 6 | Borisevuch B.V., (044) 527-86-17, patanat_chair@twin.nauu.kiev.ua |
| 31 | The Pharmacology | Ukrainian | 2\2 | 180 | 3,3 | 5 | Pan'ko M.F., (044) 527-80-29, pharma_chair@twin.nauu.kiev.ua |
| 32 | A Clinical biochemistry | Ukrainian | 3\1 | 90 | 1,7 | 2,5 | Melnikova N.M., (044) 527-86-40, biochem_chair@twin.nauu.kiev.ua |
| 33 | The Toxicology | Ukrainian | 3\2 | 108 | 2,0 | 3 | Pan'ko M.F., (044) 527-80-29, pharma_chair@twin.nauu.kiev.ua |
| 34 | The Management and marketing in the veterinary medicine | Ukrainian | 3\2 | 144 | 2,7 | 4 | Nedosekov V.V., (044) 527-89-22, infection_chair@twin.nauu.kiev.ua |
| 35 | General and special surgery | Ukrainian | 3\1-2 | 252 | 4,7 | 7 | Petrenko O.F., (044) 527-88-68, surgery_chair@twin.nauu.kiev.ua |
| 36 | The Veterinary and sanitary expertise of the standartization basics of the animals produce | Ukrainian | 3\1-2 | 198 | 3,7 | 5,5 | Jakubchak O.M, (044) 527-88-41, vse@nauu.kiev.ua |
| 37 | The Parasitology and invasive disease | Ukrainian | 3\1-2 | 198 | 3,7 | 5,5 | Didash K.V., (044) 527-87-86, kaf_parasitology@mail.ru |
| 38 | The Epizootology and infectious disease | Ukrainian | 3\2; 4\1 | 288 | 5,3 | 8 | Nedosekov V.V., (044) 527-89-22, infection_chair@twin.nauu.kiev.ua |
| 39 | Domestic animal's diseases | Ukrainian | 3\2; 4\1 | 288 | 5,3 | 8 | Tsvilikhovskiy M.I., (044) 527-83-60, m_tsvilikhovsky@ukr.net |
| 40 | Veterinary organization and economy | Ukrainian | 4\1 | 144 | 2,7 | 4 | Nedosekov V.V., (044) 527-89-22, infection_chair@twin.nauu.kiev.ua |
| 41 | Work protection in the veterinary medicine | Ukrainian | 3\2 | 72 | 1,3 | 2 | |

| | | | | | | | |
|---|--|-----------|-----|-------------|-------------|--------------|--|
| 42 | Safety of the vital activity | Ukrainian | 1\1 | 54 | 1,0 | 1,5 | |
| Total for the cycle of professional and practical training | | | | 2772 | 51,3 | 77 | |
| Total with the compulsory component | | | | 5922 | 110 | 164,5 | |
| Optional Component for 8.130501 "Veterinary Medicine" | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| 1 | The basics of beekeeping and bee products technology | Ukrainian | 4\1 | 54 | 1,0 | 1,5 | Brovarskiy V.D., (044) 5278071, apiculture_chair@twin.nauu.kiev.ua |
| 2 | Diseases of bees | Ukrainian | 4/1 | 36 | 0,7 | 1 | Litvinenko V.M., (044) 5278920, infection_chair@twin.nauu.kiev.ua |
| 3 | Work's safety | Ukrainian | 4/1 | 36 | 0,7 | 1 | Bil'ko T.O., (044) 5278299, OP_chair@twin.nauu.kiev.ua |
| 4 | Sociology | Ukrainian | 1\2 | 72 | 1,3 | 2 | Semchinskiy K.V., (044) 5278171, politics@twin.nauu.kiev.ua |
| 5 | Politology | Ukrainian | 2\1 | 54 | 1,0 | 1,5 | Semchinskiy K.V., (044) 5278171, politics@twin.nauu.kiev.ua |
| 6 | Jurisprudence | Ukrainian | 2\1 | 54 | 1,0 | 1,5 | Kozachuk O.A., (044) 259-97-25, lawyer_dean@twin.nauu.kiev.ua |
| 7 | Psychology | Ukrainian | 2\1 | 72 | 1,3 | 2 | Svistun V.I., (044) 257-22-10, psychology_chair@twin.nauu.kiev.ua |
| Total for the disciplines of the University's choice | | | | 378 | 7 | 10,5 | |
| Disciplines chosen by students | | | | | | | |
| 1 | Informatics in veterinary medicine | Ukrainian | 4/1 | 36 | 0,7 | 1 | Tarasenko R.O., (044) 527-84-72, compute_chair@twin.nauu.kiev.ua |
| 2 | Latin (terminology) | Ukrainian | 1\1 | 72 | 1,3 | 2 | Vakulyk I.I., (044) 5278726, latina_chair@twin.nauu.kiev.ua |
| 3 | The Cultural | Ukrainian | 1\1 | 54 | 1,0 | 1,5 | Melnichuk T.F., (044) 527-88-12, culturolog@twin.nauu.kiev.ua |
| 4 | History of veterinary medicine | Ukrainian | 1\1 | 54 | 1,0 | 1,5 | Rudyk S.K., (044) 527-86-24, anatomanim_chair@twin.nauu.kiev.ua |
| 5 | Theory of economics | Ukrainian | 1\1 | 54 | 1,0 | 1,5 | Muzychenko T.O., (044) 527-82-35, ekteur_chair@twin.nauu.kiev.ua |
| Total for the disciplines of the students' choice | | | | 270 | 5 | 7,5 | |
| Total with the optional component | | | | 648 | 12 | 18 | |
| Total with the area of training | | | | 6570 | 122 | 182,5 | |

* The Physical training is included in the weekly classroom load (30 hours). But it isn't an academic credit discipline.

2.7. EDUCATIONAL INSTITUTE OF FOREST AND HORTICULTURE

The Institute director is Doctor of Agricultural Sciences, Professor **Pyotro Ivanovich Lakyda**
Tel.: (044) 527-85-28. E-mail: lakyda@nauu.kiev.ua
Location: educational building № 1, room 119.

The ESI of Forest and Landscape Architecture includes:

The Faculty of Forestry

The Dean is PhD in Agricultural Sciences, Associate Professor **Alexander Georgovich Bala**
Tel.: (044) 527-84-22
Location: educational building № 1, room. 118

The Faculty conducts training for EQL “Bachelor” in the areas:

6.051801 – “Woodworking Technologies”

6.090103 – “Forestry and Horticulture”

Qualification of graduates: Bachelor of Forestry and Landscape Architecture, Bachelor of Woodworking Technology

Graduates’ academic rights – can continue their study for the Master’s degree majoring in a relevant area from the curricula of undergraduate programs, beginning with the second year of study.

8.092002 “Woodworking Technology”

8.130401 “Forestry”

or with specialities of the study area «Specific categories»:

8.000001 – “Quality, Standardization and Certification”

8.000005 – “Pedagogics of Higher School”

8.000007 – “Administrative Management”

The Faculty of Garden-Park Management and Landscape Architecture

The Dean is Doctor of Agricultural Sciences, Professor **Sergei Borisovich Kovalevsky**

Tel.: (044) 527-89-23, 72-22. E-mail: landscape_dean@twin.nauu.kiev.ua

Location: educational building №1, room 62

The Faculty conducts training for EQL “Bachelor” in the areas:

6.090103 – “Forestry and Horticulture”

Qualification of graduates: Bachelor of Forestry and Landscape Architecture

Graduates’ academic rights – can continue their study for the Master’s degree majoring in a relevant area from the curricula of undergraduate programs, beginning with the second year of study.

8.130401 – “Forestry”

8.130402 – “Horticulture”

or with specialities of the study area “Specific categories”:

8.000001 – “Quality, standards and certification”

8.000005 – “Pedagogics of Higher School”

8.000007 – “Administrative Management”

Bases of students’ practical studies:

OE NULES Ukraine “Boyarskaya Forest Experimental Station”, LLC “Exim-textiles-K”, “NT Avers”, OJSC “Bilytske furniture factory,” MP “Kievzelenstroy”, “National Botanical Garden”. MM Biologic Sciences of Ukraine, Park “Sofiyivka”, NSC NULES Yalta Ukraine, forest enterprises of the State Committee of Forestry and Agricultural Policy of Ukraine, Park “Alexandria”, biosphere and nature reserves, regional and national parks.

Area of training 6.051801 – “Woodworking Technologies”

Training is carried out in:

- **Basic institution of the University (Kyiv);**
- **OE NULES Ukraine “Malyn NIKP”**

The structure of curriculum of training for EQL “Bachelor” in the area “Woodworking Technologies”

The Curriculum is concluded on the basis of educational and vocational training programs EQL “Bachelor” for “Woodworking Technologies”.

The compulsory component of the curriculum consists of 3 training cycles: the humanitarian and socio-economic, mathematical and natural-scientific, professional and practical, totaling 6516 hours., 121 national credits, 181 ECTS credits.

The optional component of the curriculum consists of 2 training cycles: Disciplines chosen by the University and by students totaling 4608 hours., 85 national credits, 128 ECTS credits.

The total time by the curriculum makes up 11124 hours., 206 national credits, 309 ECTS credits.

The curriculum includes:

- writing 7 course projects (work) in: “Theory of Mechanisms and Machines”, “Machine Parts”, “Woodworking Machines and Tools”, “Timber Technology”, “Materials Technology and Laminated Boards”, “Wood Products Technology”, “Wood Finishing Technology”.
- 14 practical trainings: Academic, Production, Technology.

Training period is 4 years.

State certification comprises a state examination.

Curriculum for EQL “Bachelor” in the area “Woodworking Technologies”

| Num ber | Academic discipline, practice | Language of Training | Semester | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|---|---|--------------------------|----------|--------|----------|------|--|
| | | | | Hours | Credit | | |
| | | | | | National | ESTS | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and socio-economic training | | | | | | | |
| 1 | History of Ukraine | Ukrainian | 1 | 108 | 2 | 3 | Isakova NP. (044) 527-81-16 |
| 2 | Ukrainian language (professional orientation) | Ukrainian | 2 | 108 | 2 | | |
| 3 | History of Ukrainian Culture | Ukrainian | 1 | 72 | 1,3 | 2 | Syrovatskyy S.A. (044) 527-89-08 |
| 4 | Philosophy | Ukrainian | 3 | 108 | 2 | 3 | Geyko S.M. (044) 527-81-50 |
| 5 | Foreign Language | English German French | 1, 2 | 180 | 3,3 | 5 | Polishchuk L.V. Voloshina G.G. (044) 527-81-81 |
| 6 | Physical Education * | Ukrainian | 1-4 | 252 | 4,7 | 7 | Chyrva P.O. (044) 527-84-17 (044) 527-85-21 |
| Total by the cycle of humanitarian and socio-economic training | | | | 576 | 10,6 | 16 | |
| Cycle of mathematical and natural-scientific training | | | | | | | |
| 1 | Higher Mathematics | Ukrainian | 1-3 | 342 | 6,3 | 9,5 | Sklyepova L.I. (044) 527-82-29 |
| 2 | Physics | Ukrainian | 2-4 | 360 | 6,7 | 10 | Boiko V.V. (044) 527-84-27 (044) 527-82-91 |
| 3 | General Chemistry | Ukrainian | 1 | 162 | 3 | 4,5 | Kochkodan O.D. (044) 527-80-94 |
| 4 | Engineering Mechanics | Ukrainian | 3, 4 | 198 | 3,7 | 5,5 | Chernish A.M. (044) 527-82-63 |
| 5 | Information Science | Ukrainian | 2 | 144 | 2,7 | 4 | Volodymyrenko V.M. (044) 527-81-53 |
| 6 | Descriptive Geometry | Ukrainian | 1 | 162 | 3 | 4,5 | Vasyliv P.A. (044) 527-82-26 |
| 7 | Engineering Graphics | Ukrainian | 2 | 108 | 2 | 3 | Vasyliv P.A. (044) 527-82-26 |
| 8 | Safety of vital functions | Ukrainian | 4 | 72 | 1,3 | 2 | Piskunova L.E. (044) 527-87-65 |
| 9 | Strength of Materials | Ukrainian | 3, 4 | 198 | 3,7 | 5,5 | Kutsenko AG 044) 527-85-30 |
| 10 | Fundamentals of Ecology | Ukrainian | 2 | 72 | 1,3 | 2 | Solomenko L.I. (044) 527-87-65 |
| Total for the cycle of mathematical and natural-scientific training | | | | 1818 | 33,7 | 50,5 | |
| Cycle of professional and practical training | | | | | | | |
| 1 | Electrical engineering and electric | Ukrainian | 4, 5 | 252 | 4,7 | 7 | Korobskyy V.V. (044) 527-87-55 |
| 2 | Hydraulics and hydraulic | Ukrainian | 4 | 108 | 2 | 3 | Paliskin M.A. (044) 527-87-48 |
| 3 | Theory of Mechanisms and Machines | Ukrainian | 4, 5 | 162 | 3 | 4,5 | Berezovy M.G. (044) 527-82-63 |
| 4 | Machine parts and PTM | Ukrainian | 5, 6 | 180 | 3,3 | 5 | Sivak I.M. |

| | | | | | | | |
|---|--|-----------|------|-------------|-------------|--------------|--|
| | | | | | | | (044) 527-87-34 |
| 5 | Wood studies and the basics of commodity | Ukrainian | 3, 4 | 270 | 5 | 7,5 | Zrazhva SG (044) 527-81-67 |
| 6 | Factory automatio | Ukrainian | 7,8 | 144 | 2,7 | 4 | Konsur V.V. (044) 527-82-22 |
| 7 | Economy of wood processing industry | Ukrainian | 7,8 | 162 | 3 | 4,5 | Lytsur I.M. (044) 527-81-53 |
| 8 | Work health | Ukrainian | 8 | 90 | 1,7 | 2,5 | Sheremet V.O. (044) 527-82-99 |
| 9 | Thermotechnics | Ukrainian | 5 | 198 | 3,7 | 5,5 | Selimanova OV (044) 527-87-48 |
| 10 | Technology of Materials | Ukrainian | 2 | 126 | 2,3 | 3,5 | Котречко О.О., (044) 527-85-74 |
| Total for the cycle of professional and practical training | | | | 1692 | 31,4 | 47 | |
| Total with the compulsory component | | | | 4086 | 75,7 | 113,5 | |
| Optional Component for 8.092002 – Woodworking Technology” | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| 1 | Industrial Electronics | Ukrainian | 5 | 90 | 1,7 | 2,5 | Pastushenko V.S. (044) 527-87-44 |
| 2 | Woodworking machines and tools | Ukrainian | 5,6 | 360 | 6,7 | 10 | Circo Z.S. (044) 527-81-67 |
| 3 | Timber Technology | Ukrainian | 6,7 | 252 | 4,7 | 7 | Koval V.S. (044) 527-81-67 |
| 4 | Hydrothermal treatment of wood | Ukrainian | 6,7 | 306 | 5,7 | 8,5 | Пінчевська О.О. (044) 527-81-67 |
| 5 | Principles of Marketing | Ukrainian | 7 | 126 | 2,3 | 3,5 | Domashovets G.S. (044) 527-81-53 |
| 6 | Principles of Management | Ukrainian | 8 | 90 | 1,7 | 2,5 | Pavlishchuk O.P. (044) 527-88-00 |
| 7 | The theoretical foundation of woodworking technology | Ukrainian | 3 | 126 | 2,3 | 3,5 | Golovach V.M. (044) 527-81-67 |
| 8 | Organic Chemistry and Macromolecular compounds | Ukrainian | 2,3 | 198 | 3,7 | 5,5 | Yakubovich T.M. (044) 527-88-97 |
| 9 | Technology of the glued materials and flags | Ukrainian | 6,7 | 288 | 5,3 | 8 | Bekhta P.A. (044) 527-81-67 |
| 10 | Technology of the wood wares | Ukrainian | 6-8 | 324 | 6 | 9 | Malakhova O.S. (044) 527-81-67 |
| 11 | (inside) factory tarnsport | Ukrainian | 6 | 72 | 1,3 | 2 | Grushanskiy O.A. (044) 527-81-67 (044) 527-62-80 |
| 12 | Organisation of the woodworking production | Ukrainian | 8 | 90 | 1,7 | 2,5 | Ganzha P.K. (044) 527-81-53 |
| 13 | Timble storage and forest transport | Ukrainian | 4 | 72 | 1,3 | 2 | Maslay S.V. (044) 527-89-98 |
| 14 | Introduction to speciality | Ukrainian | 1 | 72 | 1,3 | 2 | Bileckiy M.O. (044) 527-81-67 |
| 15 | Technology of wood finishing | Ukrainian | 8 | 108 | 2 | 3 | Buyskikh N.V. (044) 527-81-67 |
| Total for the disciplines of theUniversity’s choice | | | | 2574 | 47,7 | 71,5 | |
| Disciplines chosen by students | | | | | | | |
| 1 | Religion science | Ukrainian | 4 | 72 | 1,3 | 2 | Romanova N.S. (044) 527-81-50 |
| 2 | Basics of law | Ukrainian | 6 | 108 | 2 | 3 | Zaricka I.M. (044) 257-33-10 |
| 3 | Basics of economic theory | Ukrainian | 5 | 108 | 2 | 3 | Koval' O.M. ph. (044) 527-85-43 |

| | | | | | | | |
|--|-------------------|-----------|---|-------------|-------------|--------------|--------------------------------|
| 4 | Sociology | Ukrainian | 7 | 54 | 1 | 1,5 | Kaluga V.F. (044) 527-81-71 |
| 5 | Political science | Ukrainian | 8 | 72 | 1,3 | 2 | Boyko I.I. (044) 527-81-71 |
| Total for the disciplines of the students' choice | | | | 414 | 7,6 | 11,5 | |
| Total with the optional component | | | | 2988 | 55,3 | 83 | |
| Total with the area of training | | | | 7074 | 131 | 196,5 | |

* Physical Training is included into the weekly classroom load (30 hours), but it is not an academic credit discipline.

Tentative topics for Bachelor's projects

1. Analysis of the technological process of manufacturing laminated beams using wood waste for heating supplies of JSC "DOK № 7".
2. Justification of proposals for improving the technology of wood processing in DC "Radomyshl LH".
3. Analysis of Technology finishing joinery products to nitrocellulose varnishes MLC VAT № 7 and justification of proposals for improvements.
4. Influence of aerodynamic characteristics of forest dryer quality lumber drying at OJSC "Bilatserkva MLC".
5. Analysis of manufacturing technology molded products in the enterprise PC "Diniks Company".
6. Quality analysis of timber drying in forest dryers type UL-1, working on wood waste in PE "Podub M".
7. Quality analysis of window frames and accuracy of processing on the basis of JSC "MLC № 7.
8. Quality analysis of drying lumber and solid hardwood blanks in forest dryers JSC "Kivertsivsa MLC"

Training EQL "Bachelor" for younger professionals for the reduced period of training

Graduates who have received junior specialist EQL for specialty 6.051801 **"Woodworking Technologies"** with the specialization:

5.05180101 – «Timber storage and roughing-out of wood»

5.05180102 – «Wood cultivation»

5.05180103 – «Making of furnitures»

are admitted to training for EQL "Bachelor" on the reduced (two years) term if passing the entrance examinations of professional disciplines and eliminate differences in academic curricula.

EQL "Bachelor" training Curriculum for the direction of "Woodworking Technologies" for younger professionals for the reduced period of training

| Nu mbe r | Academic discipline, practice | Language of Training | Semester | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|---|--|------------------------------|----------|--------|--------------|------|---|
| | | | | Hours | Credits | | |
| | | | | | Nation al | ESTS | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and socio-economic training | | | | | | | |
| 1 | History of Ukraine | Ukrainian | 1 | 108 | 2 | 3 | Isakova N.P. (044) 527-81-16 |
| 2 | Ukrainian (for professional direction) | Ukrainian | 2 | 108 | 2 | 3 | Pankratova A.L. (044) 527-83-63 |
| 3 | History of Ukrainian culture | Ukrainian | 1 | 72 | 1,3 | 2 | Syrovatsky S.A. (044) 527-89-08 |
| 4 | Philosophy | Ukrainian | 3 | 108 | 2 | 3 | Geyko SM (044) 527-81-50 |
| 5 | Foreign language | English Germany French | 1, 2 | 180 | 3,3 | 5 | Polishchuk L.V. (044) 527-81-81 |
| 6 | Physical education* | Ukrainian | 1-4 | 252 | 4,7 | 7 | Chirva P.O. (044) 527-84-17 (044) 527-85-21 |
| Total for the cycle of humanitarian and socio-economic training | | | | 576 | 10,6 | 16 | |
| Cycle of mathematical and natural-scientific training | | | | | | | |
| 1 | Higher Mathematics | Ukrainian | 1,2 | 198 | 3,7 | 5,5 | Sklyepova L.I. (044) 527-82-29 |
| 2 | Organic Chemistry and Macromolecular compounds | Ukrainian | 1 | 90 | 1,7 | 2,5 | Yakubovich TN (044) 527-88-97 |
| 3 | Physics | Ukrainian | 1,2 | 198 | 3,7 | 5,5 | Humeniuk YO (044) 527-82-91 |
| 4 | General Chemistry | Ukrainian | 1 | 108 | 2 | 3 | Cochkodan O.D. (044) 527-80-94 |
| 5 | Engineering Mechanics | Ukrainian | 1 | 108 | 2 | 3 | Chernish A.M. (044) 527-82-63 |
| 6 | Informatics | Ukrainian | 1 | 108 | 2 | 3 | Volodymyrenko V.M.. (044) 527-81-53 |
| 7 | Engineering Graphics | Ukrainian | 1 | 144 | 2,7 | 4 | Vasyliv P.A. (044) 527-82-26 |
| Total for the cycle of mathematical and natural-scientific training | | | | 954 | 17,8 | 26,5 | |
| Cycle of professional and practical training | | | | | | | |
| 1 | Strength of Materials | Ukrainian | 2 | 90 | 1,7 | 2,5 | Kutsenko A.G. |

| | | | | | | | |
|---|--|-----------|-----|------|------|------|--|
| | | | | | | | (044) 527-85-30 |
| 2 | Electrical engineering and electric | Ukrainian | 2 | 90 | 1,7 | 2,5 | Korobskyy V.V. (044) 527-87-55 |
| 3 | Hydraulics and hydraulic | Ukrainian | 2 | 90 | 1,7 | 2,5 | Paliskin M.A. (044) 527-87-48 |
| 4 | Theory of Mechanisms and Machines | Ukrainian | 2 | 90 | 1,7 | 2,50 | Berezoviy M.G. (044) 527-82-63 |
| 5 | Machine parts and FTM | Ukrainian | 3 | 90 | 1,7 | 2,50 | Sivak IM (044) 527-87-34 |
| 6 | Wood science with the basics of commodity | Ukrainian | 2 | 108 | 2 | 3 | Zrazhva S.G (044) 527-81-67 |
| 7 | Factory of automation processes | Ukrainian | 4 | 54 | 1 | 1,5 | Konsur V.V. (044) 527-82-22 |
| 8 | Technology of timber decoration | Ukrainian | 3 | 90 | 1,7 | 2,5 | Buyskyh N.V. (044) 527-81-67 |
| 9 | Labour protection | Ukrainian | 4 | 54 | 1 | 1,5 | Sheremet V.O. (044) 527-82-99 |
| 10 | Thermotechnics | Ukrainian | 3 | 90 | 1,7 | 2,5 | Selimanova O.V. (044) 527-87-48 |
| 11 | Technology of construction materials | Ukrainian | 2 | 54 | 1 | 1,5 | Kotrechko O.O. (044) 527-85-74 |
| Total for the cycle of professional and practical training | | | | 900 | 16,9 | 25 | |
| Total with the compulsory component | | | | 2430 | 45,3 | 67,5 | |
| Optional component for 8.092002 specialty - "Wood Technology" | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| 1 | Industrial Electronics | Ukrainian | 3 | 54 | 1 | 1,5 | Pastushenko V.S. (044) 527-87-44 |
| 2 | Woodworking machines and tools | Ukrainian | 3 | 126 | 2,3 | 3,5 | Sirko Z.S. (044) 527-81-67 |
| 3 | Technology of saw-timbers | Ukrainian | 3 | 126 | 2,3 | 3,5 | Koval V.S. (044) 527-81-67 |
| 4 | Hydrothermal treatment of wood | Ukrainian | 3,4 | 126 | 2,3 | 3,5 | Pinchevska O.O. (044) 527-81-67 |
| 5 | Basics of Marketing | Ukrainian | 4 | 54 | 1,0 | 1,50 | Domashovets G.S. (044) 527-81-53 |
| 6 | Basics of Management | Ukrainian | 4 | 54 | 1 | 1,5 | Pavlishchuk O.P. (044) 527-88-00 |
| 7 | The theoretical foundation of woodworking | Ukrainian | 2 | 54 | 1 | 1,5 | Golovach V.N. (044) 527-81-67 |
| 8 | Technology of bonded materials and boards | Ukrainian | 4 | 126 | 2,3 | 3,5 | Behta PA (044) 527-81-67 |
| 9 | Technology of wood wares | Ukrainian | 3,4 | 180 | 3,3 | 5 | Malakhova O.S. (044) 527-81-67 |
| 10 | (inside) factory tarnsport | Ukrainian | 3 | 54 | 1 | 1,5 | Grushanskiy O.A. (044) 527-81-67 (044) 527-62-80 |
| 11 | Organisation of the woodworking production | Ukrainian | 4 | 72 | 1,3 | 2 | Ganzha P.K. (044) 527-81-53 |
| 12 | Timble storage and forest transport | Ukrainian | 2 | 54 | 1 | 1,5 | Maslay S.V. (044) 527-89-98 |
| 13 | Economy of woodworking | Ukrainian | 4 | 126 | 2,3 | 3,5 | Lytsur I.M. Ph.D., Assoc. |

| | | | | | | | |
|---|---------------------------|-----------|---|-------------|-------------|--------------|----------------------------------|
| | industry | | | | | | (044) 527-81-53 |
| Total for the disciplines of the University's choice | | | | 1206 | 22,1 | 33,5 | |
| Disciplines chosen by students | | | | | | | |
| 1 | Religion study | Ukrainian | 4 | 72 | 1,3 | 2 | Romanova N.S. (044) 527-81-50 |
| 2 | Basics of law | Ukrainian | 6 | 108 | 2 | 3 | Zaricka I.M. (044) 257-33-10 |
| 3 | Basics of economic theory | Ukrainian | 5 | 108 | 2 | 3 | Koval' O.M. (044) 527-85-43 |
| 4 | Sociology | Ukrainian | 7 | 54 | 1 | 1,5 | Kaluga V.F. (044) 527-81-71 |
| 5 | Political science | Ukrainian | 8 | 72 | 1,3 | 2 | Boyko I.I. (044) 527-81-71 |
| Total for the disciplines of the students' choice | | | | 414 | 7,6 | 11,5 | |
| Total with the optional component | | | | 1620 | 29,7 | 45 | |
| Total with the area of training | | | | 4050 | 75 | 112,5 | |

Area of training 6.090103 - “Forestry and Horticulture”

Training is carried out in:

- **Basic institution of the University (Kyiv);**
- **SA NULES of Ukraine “Crimea ahrotehnolohichnyy University”;**
- **OE NULES of Ukraine “Lubensky NIKP”;**
- **OE NULES of Ukraine “Malyn NIKP”**

The structure of curriculum of training for EQL “Bachelor” in the area “Forestry and Horticulture”

The Curriculum is concluded on the basis of educational and vocational training programs EQL “Bachelor” for “Forestry and Horticulture”.

The compulsory component of the curriculum consists of 3 training cycles: the humanitarian and socio-economic, mathematical and natural-scientific, professional and practical, totaling 8208 hours., 152.2 National Credit, 228 ECTS credits.

Optional component of the curriculum consists of training cycles: Disciplines chosen by the University and by students totaling 9396 hours., 173.3 national credits, 262.5 ECTS credits.

The total time by the curriculum makes up 17 604 hours., 325.5 national credits, 490.5 ECTS credits.

The curriculum comprises:

- writing course projects (work) in: “Dendrology” “Mechanization of Forestry Operations”, “Forest Reclamation”, “Forestry”, “Silviculture”, “Forest Management”, “Decorative Dendrology”, “Forest Selection”, “Ornamental Nurseries and Seed”, “Landscape Architecture”, “Onion Planting and Lawns”, “Landscaping Construction”.
- practical trainings: academic, production, technology.

Training period is 4 years.

State certification includes a state exam, writing and defending of a Bachelor’s paper.

Curriculum for EQL “Bachelor” in the area “Forestry and Horticulture”

| Nu mb er | Academic discipline, practice | Language of Training | Semest er | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|---|--|------------------------------|--------------|--------|----------|------|--|
| | | | | Hours | Credits | | |
| | | | | | National | ESTS | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and socio-economic training | | | | | | | |
| 1 | History of Ukraine | Ukrainian | 1 | 108 | 2 | 3 | Isakova N.P. (044) 527-81-16 |
| 2 | Ukrainian (for professional direction) | Ukrainian | 2 | 108 | 2 | 3 | Pankratova A.L. (044) 527-83-63 |
| 3 | History of Ukrainian culture | Ukrainian | 1 | 72 | 1,3 | 2 | Syrovatsky S.A. (044) 527-89-08 |
| 4 | Philosophy | Ukrainian | 3 | 108 | 2 | 3 | Geyko SM (044) 527-81-50 |
| 5 | Foreign language | English Germany French | 1, 2 | 180 | 3,3 | 5 | Polishchuk L.V. Voloshin G.G. (044) 527-81-81 |
| 6 | Physical education* | Ukrainian | 1-4 | 252 | 4,7 | 7 | Chirva P.O., Breza H.Y. (044) 527-84-17 (044) 527-85-21 |
| Total for the cycle of humanitarian and socio-economic training | | | | 576 | 10,6 | 16 | |
| Cycle of mathematical and natural-scientific training | | | | | | | |
| 1 | Higher Mathematics | Ukrainian | 1 | 216 | 4 | 6, | Meysh V.F. (044) 527-82-29 |
| 2 | Physics | Ukrainian | 2 | 216 | 4 | 6 | Boiko V.V. (044) 527-84-27 (044) 527-82-91 |
| 3 | Chemistry | Ukrainian | 1-2 | 216 | 4 | 6 | Antraptseva N.M. (044) 527-80-94 |
| 4 | Informatics | Ukrainian | 2 | 144 | 2,7 | 4 | Volodymyrenko V.M. (044) 527-81-53 |
| 5 | Biometrics | Ukrainian | 3 | 144 | 2,7 | 4 | Svynchuk V.A. Kashpor SM (044) 527-85-23 |
| 6 | General Ecology | Ukrainian | 3 | 108 | 2 | 3 | Solomenko L.I. (044) 527-87-65 |
| 7 | Genetics | Ukrainian | 3 | 144 | 2,7 | 4 | Chechenyeva T.N. (044) 527-88-32 |
| 8 | Technical Engineering | Ukrainian | 2 | 72 | 1,3 | 2 | Chernish A.M. (044) 527-82-63 |
| 9 | Safety of vital functions | Ukrainian | 4 | 72 | 1,3 | 2 | Piskunova L.E. (044) 527-87-65 |
| 10 | Descriptive Geometry | Ukrainian | 1 | 108 | 2 | 3 | Vasyliv P.A. Assoc. (044) 527-82-26 |
| 11 | Naturally-protected right | Ukrainian | 8 | 90 | 1,7 | 2,5 | Popovic S.Y. (044) 258-47-27 |
| 12 | Botany | Ukrainian | 1-2 | 216 | 4 | 6 | Shabarova S.I. (044) 527-85-76 |
| 13 | Dendrology | Ukrainian | 3 | 144 | 2,7 | 4 | Kalinichenko O.A. (044) 527-85-18 Kovalevsky S.B. (044) 527-85-18 landscape_dean @twin.nauu.kiev.ua |
| 14 | Meteorology | Ukrainian | 2 | 72 | 1,3 | 2 | Yarosh A.V. (044) 527-88-47 |

| | | | | | | | |
|---|---|-----------|-----|----------|-----------|-------|--|
| Total for the cycle of mathematical and natural-scientific training | | | | 196 2 | 36, 4 | 54,5 | |
| Cycle of professional and practical training | | | | | | | |
| 1 | Forest fitopatology | Ukrainian | 5 | 144 | 2,7 | 4 | Tsylyuryk A.V. (044) 527-82-38 |
| 2 | Forest Entomology | Ukrainian | 6 | 144 | 2,7 | 4 | Maksymchuk N.V. (044) 527-82-38 |
| 3 | Wood study | Ukrainian | 5 | 162 | 3 | 4,5 | Kirichok L.S. (044) 527-82-82 |
| 4 | Forestry | Ukrainian | 6 | 162 | 3 | 4,5 | Babich A.G. (044) 527-82-82 |
| 5 | Progeny | Ukrainian | 5-7 | 306 | 5,7 | 8,5 | Maurer V.M. Browko F.M. Kychylyuk O.V. (044) 527-87-47 |
| 6 | Forest inventory | Ukrainian | 5-6 | 234 | 4,3 | 6,5 | Strochynskyy A.A. (044) 527-85-23 |
| 7 | Economics of forestry production | Ukrainian | 7 | 162 | 3 | 4,5 | Kravets P.V. (044) 527-88-00 |
| 8 | Organization of forestry production | Ukrainian | 8 | 144 | 2,7 | 4 | Ganzha P.K. (044) 527-81-53 |
| 9 | Wood selection | Ukrainian | 4 | 144 | 2,7 | 4 | Oleksiychenko N.A. (044) 257-85-18 Noolex@bigmir.net |
| 10 | Zoology | Ukrainian | 3 | 144 | 2,7 | 4 | Tishchenko V.M. (044) 527-82-38 |
| 11 | Landscaping localities | Ukrainian | 6 | 108 | 2 | 3 | Kushnir A.I., (044) 527-82-96 A-Kushnir @ukr.net |
| 12 | Fundamentals of safety | Ukrainian | 8 | 90 | 1,7 | 2,5 | Sheremet V.O. senior lecturer (044) 527-82-99 |
| 13 | FOREST SOILS | Ukrainian | 3-4 | 216 | 4 | 6 | Balayev A.D. (044) 527-81-02 |
| 14 | Geodesy | Ukrainian | 2 | 144 | 2,7 | 4 | Rafalska L.P. (044) 527-80-04 |
| 15 | Plant Physiology | Ukrainian | 3 | 180 | 3,3 | 5 | Boiko A.A. PhD, Assoc. (044) 527-88-93 |
| 16 | Pests and diseases of ornamental plant activators | Ukrainian | 6 | 90 | 1,7 | 2,5 | Reshetnik L.L. (044) 527-85-78 |
| 17 | Decor nurseries and seed | Ukrainian | 5 | 108 | 2 | 3 | Maurer V.M. (044) 527-87-47 |
| 18 | Landscape inventory | Ukrainian | 6 | 108 | 2 | 3 | Manita O.G. (044) 527-85-23 |
| 19 | LNG Business | Ukrainian | 7 | 108 | 2 | 3,00 | Vasylyshyn R.D. (044) 527-81-53 |
| 20 | Mechanization LNG | Ukrainian | 4-5 | 288 | 5,3 | 8,00 | Hrushanskyy O.A. (044) 527-82-80 |
| 21 | Fundamentals of Biotechnology | Ukrainian | 3 | 54 | 1 | 1,5 | Nowak T.V. (044) 527-85-17 plantprotect_dean@ twin.nauu.kiev.ua |
| Total for the cycle of professional and practical training | | | | 324 0 | 60, 2 | 90 | |
| Total with the compulsory component | | | | 577 8 | 107 ,2 | 160,5 | |
| Optional component for 8.130401 – “Forestry” | | | | | | | |

| Disciplines chosen by the University | | | | | | | |
|--|---------------------------------------|-----------|-----|----------|-----|-----|--|
| 1 | Mechanization of forestry work | Ukrainian | 4-5 | 216 | 4 | 6 | Vyhovsky A.J. (044) 527-82-80 |
| 2 | Basics hydrotechnical Reclamation | Ukrainian | 4-5 | 180 | 3,3 | 5 | Dudarets S.M. (044) 527-81-73 |
| 3 | Aerospace methods in forestry | Ukrainian | 7 | 54 | 1 | 1,5 | Manita O.G. (044) 527-85-23 |
| 4 | Forest melioration | Ukrainian | 7 | 126 | 2,3 | 3,5 | Shtofel M.O. (044) 527-81-73 |
| 5 | GIS in Forestry | Ukrainian | 4 | 90 | 1,7 | 2,5 | Laschenko A.G. (044) 527-88-00 |
| 6 | Information technology in forestry | Ukrainian | 7 | 108 | 2 | 3 | Terentyev A.J. (044) 527-81-53 |
| 7 | Fundamentals of forest exploitation | Ukrainian | 8 | 90 | 1,7 | 2,5 | Ghrib V.M. (044) 527-89-98 |
| 8 | Forest pirology | Ukrainian | 6 | 108 | 2 | 3 | Zibtsev S.V. PhD, Assoc (044) 527-82-82 |
| 9 | Regional economy | Ukrainian | 6 | 90 | 1,7 | 2,5 | Lytsur I.M. Ph.D., Assoc. (044) 527-81-53 |
| 10 | Build business | Ukrainian | 8 | 54 | 1 | 1,5 | Besarab A.M. (044) 527-86-34 |
| 11 | Radiobiology | Ukrainian | 4 | 72 | 1,3 | 2 | Hrasyuk S.M. (044) 527-87-12 |
| 12 | Wood odering | Ukrainian | 7-8 | 216 | 4 | 6 | Hirs O.A. (044) 527-85-23 |
| Total for the disciplines of theUniversity's choice | | | | 140 4 | 26 | 39 | |
| Disciplines chosen by students | | | | | | | |
| 1 | Fundamentals of professional training | Ukrainian | 1 | 72 | 1,3 | 2 | Levchenko V.V. (044) 527-82-82 |
| 2 | Remote Sensing | Ukrainian | 7 | 72 | 1,3 | 2 | Kohan S.S. (044) 257-93-87 |
| 3 | Management Consulting | Ukrainian | 8 | 36 | 0,7 | 1 | Kal'na-Dubinyuk T.P. (044) 527-80-61 consult@nauu.kiev.ua |
| 4 | Politics | Ukrainian | 8 | 72 | 1,3 | 2 | Sekunova Y.V. (044) 527-81-71 |
| 5 | Fundamentals of Law | Ukrainian | 7 | 90 | 1,7 | 2,5 | Duda H.I. (044) 527-81-71 |
| 6 | Sociology | Ukrainian | 7 | 90 | 1,7 | 2,5 | Boiko I.I. Assoc. (044) 527-81-71 |
| 7 | Essentials of Economic Theory | Ukrainian | 5 | 108 | 2 | 3 | Koval O.M. (044) 527-85-43 |
| Total for the disciplines of the students' choice | | | | 540 | 10 | 15 | |
| Total with the optional component | | | | 194 4 | 36 | 54 | |
| Optional component for 8.130401 specialty – “Forestry” | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| 1 | Forest study and forestry recreation | Ukrainian | 5-6 | 216 | 4 | 6 | Kremenets'ka E.A. (044) 527-82-82 |
| 2 | Decorative dendrology | Ukrainian | 4 | 216 | 4 | 6 | Kovalevsky S.B. (044) 527-85-18 landscape_dean @twin.nauu.kiev.ua |

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|---|------------------------|-----------|-----|-----|-----|---|---|
| 3 | Basics of creative art | Ukrainian | 5 | 108 | 2 | 3 | But N.K. (044) 527-82-96 |
| 4 | Landscape Architecture | Ukrainian | 6-7 | 180 | 3,3 | 5 | Sidorenko I.A. (044) 527-82-96 i_sido@ukr.net |
| 5 | Total floriculture | Ukrainian | 5 | 108 | 2 | 3 | Krupkina L.I., (044) 257-85-28 L.Krupkina@ukr.net |

Ukrainian

| | | | | | | | |
|---|--------------------------------------|-----------|-----|------------------|------------------|-------------|--|
| 7 | Lukivnystvo and lawns | Ukrainian | 6 | 108 | 2 | 3 | Kolesnichenko A.V. (044) 257-85-28 (044) 257-81-00 biosozo_chair. @twin.nauu.kiev.ua |
| 8 | Landscaping construction | Ukrainian | 7-8 | 180 | 3,3 | 5 | Kushnir A.I. (044) 527-82-96 A-Kushnir @ukr.net Sukhanova A.A. (044) 527-82-96 |
| 9 | Landscape design | Ukrainian | 6 | 108 | 2 | 3 | But N.K. (044) 527-82-96 |
| 10 | Ornamental plants closed environment | Ukrainian | 7 | 108 | 2 | 3 | Krupkina L.I. (044) (044) (044) 257-85-28 L.Krupkina@ukr.net |
| 11 | Park managing | Ukrainian | 7 | 108 | 2 | 3 | Bereziv's'kyi L.M. (044) 527-85-23 |
| 12 | Forest Essentials | Ukrainian | 8 | 90 | 1,7 | 2,5 | Browko F.M. (044) 527-87-47 |
| 13 | Organization LNG | Ukrainian | 8 | 72 | 1,3 | 2 | Zibtseva O.V. (044) 527-82-96 Stplut@yandex.ru |
| 14 | Urboekology and fitomelioration | Ukrainian | 8 | 72 | 1,3 | 2 | Romanets A.M. (044) 527-81-73 |
| 15 | Topiarnoe Arts | Ukrainian | 8 | 72 | 1,3 | 2,00 | Dzyba A.A. senior lecturer (044) 257-85-28 Ang@email.ua |
| 16 | Urban Essentials | Ukrainian | 5 | 108 | 2 | 3 | Troshkina O.A. (044) 527-82-96 |
| 17 | Engineering equipment ACT | Ukrainian | 8 | 72 | 1,3 | 2 | Sagaydak S.I. (044) 527-82-96 SagaidakSV@i.ua |
| Total for the disciplines of the University's choice | | | | 192 6 | 35, 5 | 53,5 | |

Disciplines chosen by students

| | | | | | | | |
|---|---------------------------------------|-----------|---|----|-----|---|---|
| 1 | Landscape study and forest geography | Ukrainian | 3 | 72 | 1,3 | 2 | Zibtseva O.V. (044) 527-82-96 Stplut@yandex.ru |
| 2 | Fundamentals of professional training | Ukrainian | 1 | 72 | 1,3 | 2 | Kovalevsky S.B. (044) 527-85-18 landscape_dean @twin.nauu.kiev.ua Demchenko E.A. (044) 527-85-18 demchenko@ nauu.kiev.ua |

Ukrainian

| | | | | | | | |
|---|-------------------------|-----------|---|----|-----|---|---------------------------------|
| 3 | Industrial floriculture | Ukrainian | 7 | 72 | 1,3 | 2 | Korinko O.M. (044) 257-85-28 |
|---|-------------------------|-----------|---|----|-----|---|---------------------------------|

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|--|--|-----------|-----|--------------|--------------|-------------|--|
| | | | | | | | Lena 22 06 74 @mail.ru |
| 4 | Basics arrangement | Ukrainian | 5-6 | 108 | 2 | 3 | Vintonyak I.I. (044) 257-85-28 Orangmagic @bigmir.net |
| 5 | Hydraulic structures gardens | Ukrainian | 5 | 90 | 1,7 | 2,5 | Konakov B.I. (044) 527-88-47 |
| 6 | Fundamentals of Biotechnology | Ukrainian | 4 | 90 | 1,7 | 2,5 | Nowak T.V. (044) 527-85-17 plantprotect_dean@twin.na uu.kiev.ua |
| 7 | Introduction and Adaptation of ornamental plants | Ukrainian | 7 | 72 | 1,3 | 2 | Demchenko E.A. (044) 527-85-18 demchenko@nauu.kiev.ua |
| 8 | Fundamentals of composition | Ukrainian | 8 | 72 | 1,3 | 2 | Sidorenko I.A. (044) 527-82-96 i_sido@ukr.net |
| 9 | Essentials of Economic Theory | Ukrainian | 5 | 108 | 2 | 3 | Koval O.M. (044) 527-85-43 |
| 10 | Politics | Ukrainian | 8 | 72 | 1,3 | 2 | Sekunova Y.V. (044) 527-81-71 |
| 11 | Fundamentals of Law | Ukrainian | 7 | 90 | 1,7 | 2,5 | Duda H.I. (044) 527-81-71 |
| 12 | Sociology | Ukrainian | 7 | 90 | 1,7 | 2,5 | Boiko I.I. (044) 527-81-71 |
| Total for the disciplines of the students' choice | | | | 1008 | 18,6 | 28 | |
| Total with the optional component | | | | 2934 | 54,1 | 81,5 | |
| Total with the area of training | | | | 10656 | 197,3 | 296 | |

* Physical Training is included into the weekly classroom load (30 hours), but it is not an academic credit discipline.

Tentative topics for Bachelor's projects

1. May-chaffer on nurseries DP Chernigivske SFE, especially their development and measures to limit the number.
2. Harmfulness Prickly autumn in pine sapling DP Ruzhinskogo LH.
3. Root sponge in artificial pine plantations DP Gorodnya LH and control measures of exposure.
4. Stem pests forestry plantings Alexandria SE "Rivne SFE, especially their development and significance.
5. Analysis and improvement of methods of determining the volume of round timber cypress (for example DP Zhmerinskaya LH.
6. Analysis of accuracy of the business volume of round timber of different oak zbizhystosti in DP Boguslavskoe LH.
7. Product Rating sticky alder trunks of trees in stands DP Bereznivske LH.
8. Financial analysis DP Borznianske LH.
9. Ecological-economic analysis of production and use of natural resources in the case of DP Bereznivske LH.
10. Experience creating forest cultures in DP duting LH.
11. Experience growing planting stock in nurseries DP duting LH.
12. Natural regeneration in oak forest stands Smelyanskaya DP Smelyanskoye SFE Cherkasy region.
13. Assessment resources and development of measures to preserve and increase productivity in blueberries Svidovetskomu forest Yasinya SFHE.
14. Impact of fires on the components of pine forests Polisky Natural Reserve.

15. Development proposals on reconstruction recreation parks in Kivertsi Volyn region.
16. The study of forest stands on drained areas Hirkiivskoho Forestry DP Liubeshiv LPG.
17. Experience of creation of anti-plantation in the mountains DP Mizhgirya LH.
18. Technology in forest operations VP NUBiP Ukraine "Boyarskaya LDS.
19. Improving the process of sowing seeds in pine nurseries.
20. The improvement of thinnings in VP NUBiP Ukraine "Boyarskaya LDS.
21. Fauna and territorial distribution of birds Goloseevskogo forests and silvicultural importance.
22. Modern state of populations and economic value hoofed animals in DP Smelyanskoye LH.
23. Inventory assessment hunting grounds DP Shatsky training skilled forestry.
24. Analysis of current state hunting fauna and biotechnical measures in self-supporting Lubensky hunting and fishing community.
25. Assessment of current state parks, squares, streets and urban plantings.
26. Study of species diversity of plants in order to implement urban planting.
27. Using wood species to create garden-park facilities of various types.
28. Inventory and analysis of the current state of vegetation of various types.
29. Using floral design to create landscapes.
30. Analysis of the current state of facilities and planning of landscape construction.
31. Development proposals on planting and improvement of facilities of landscape construction.
32. Features of construction of various types of compositions in the design of landscapes.
33. The use of water facilities during construction of landscape facilities (pools, streams, waterfalls, fountains, etc..).
34. Study of structural features of water facilities.
35. The use and design features of IAF.
36. Engineering support objects of landscape construction
37. Features of gardening equipment on the landscapes.
38. Features garden equipment.
39. Landscape design of environmental objects.
40. Fitodesign in interior space and winter gardens.
41. Selection range of plants to build different types of landscape compositions.
42. Features cultivation of seedlings of different types of nurseries.

Training EQL “Bachelor” with the shorter training period meant for Junior Specialists

Graduates who have received EQL “Junior Specialist” for the area **6.090103 “Forestry and Horticulture”** with the specialization:

5.09010301 – “Forestry”

5.09010302 – “Hunting Economy”

5.09010303 – “Green Building and Horticulture”

5.09010304 – “Nature and Reserve management””

are admitted to training for EQL “Bachelor” with the shorter (two years) training period after passing the entrance examinations in professional disciplines and eliminating differences in academic curricula.

Curriculum for EQL “Bachelor” with the shorter (two years) training period in the area “Forestry and Horticulture” meant for Junior Specialists

| Nu mb er | Academic Discipline, Practice | Language of Training | Semest er | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|---|---|------------------------------|--------------|--------|----------|------|---|
| | | | | Hours | Credits | | |
| | | | | | National | ESTS | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and socio-economic training | | | | | | | |
| 1 | History of Ukraine | Ukrainian | 1 | 108 | 2 | 3 | Isakova N.P. (044) 527-81-16 |
| 2 | Ukrainian (for professional direction) | Ukrainian | 2 | 108 | 2 | 3 | Pankratova A.L. (044) 527-83-63 |
| 3 | History of Ukrainian culture | Ukrainian | 1 | 72 | 1,3 | 2 | Syrovatskyy S.A. (044) 527-89-08 |
| 4 | Philosophy | Ukrainian | 3 | 108 | 2 | 3 | Geyko SM (044) 527-81-50 |
| 5 | Foreign language | English Germany French | 1, 2 | 180 | 3,3 | 5 | Polishchuk L.V. Voloshin G.G. (044) 527-81-81 |
| 6 | Physical education* | Ukrainian | 1-4 | 252 | 4,7 | 7 | Chirva P.O., (044) 527-84-17 (044) 527-85-21 |
| Total for the cycle of humanitarian and socio-economic training | | | | 576 | 10,6 | 16 | |
| Cycle of mathematical and natural-scientific training | | | | | | | |
| 1 | Higher Mathematics | Ukrainian | 1 | 216 | 4 | 6, | Meysh V.F. (044) 527-82-29 |
| 2 | Chemistry | Ukrainian | 1 | 108 | 2 | 3 | Antraptseva N.M. (044) 527-80-94 |
| 3 | Physics | Ukrainian | 1 | 90 | 1,7 | 2,5 | Boiko V.V. (044) 527-84-27 (044) 527-82-91 |
| 4 | Informatics | Ukrainian | 1 | 90 | 1,7 | 2,5 | Volodymyrenko V.M. (044) 527-81-53 |
| 5 | Biometrics | Ukrainian | 2 | 90 | 1,7 | 2,5 | Svynchuk V.A. (044) 527-85-23 |
| 6 | Radiobiology | Ukrainian | 2 | 54 | 1 | 1,5 | Hrasyuk S.M. (044) 527-87-12 |
| 7 | Plant Physiology | Ukrainian | 1 | 90 | 1,7 | 2,5 | Boiko A.A. (044) 527-88-93 |
| 8 | Engineering Technical | Ukrainian | 1 | 72 | 1,3 | 2 | Chemish A.M. (044) 527-82-63 |
| 9 | General Ecology | Ukrainian | 2 | 54 | 1 | 1,5 | Solomenko L.I. |

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|--|---|-----------|---|-------------|-------------|-------------|--|
| | | | | | | | (044) 527-87-65 |
| 10 | Safety of vital functions | Ukrainian | 1 | 72 | 1,3 | 2 | Piskunova L.E. |
| 11 | Decorative dendrology | Ukrainian | 2 | 108 | 2 | 3 | Kovalevsky S.B. (044) 527-89-23 landscape_dean@twin.nauu.kiev.ua |
| Total for the cycle of mathematical and natural-scientific training | | | | 954 | 17,7 | 26,5 | |
| Cycle of professional and practical training | | | | | | | |
| 1 | Meteorology | Ukrainian | 2 | 54 | 1 | 1,5 | Yarosh A.V. (044) 527-88-47 |
| 2 | FOREST SOILS | Ukrainian | 1 | 108 | 2 | 3 | Balayev A.D. (044) 527-81-02 |
| 3 | Fundamentals of Biotechnology | Ukrainian | 3 | 54 | 1 | 1,5 | Novak T.V. (044) 527-85-17 plantprotect_dean@twin.nauu.kiev.ua |
| 4 | Landscaping localities | Ukrainian | 3 | 54 | 1 | 1,5 | Kushnir A.I. (044) 527-82-96 A-Kushnir @ukr.net |
| 5 | Fundamentals of safety | Ukrainian | 4 | 72 | 1,3 | 2 | Sheremet V.A. (044) 527-82-99 |
| 6 | Decorative seedlings and Seed | Ukrainian | 3 | 108 | 2 | 3 | Maurer V.M. (044) 527-87-47 |
| 7 | Landscape inventory | Ukrainian | 3 | 90 | 1,7 | 2,5 | Manita O.G. (044) 527-85-23 |
| 8 | Pests and diseases of ornamental plant activators | Ukrainian | 3 | 90 | 1,7 | 2,5 | Reshetnik L.L. (044) 527-85-78 |
| 9 | Breeding and genetics of ornamental plants | Ukrainian | 2 | 90 | 1,7 | 2,5 | Oleksiychenko N.O. (044) 257-85-18 Noolex@bigmir.net |
| 10 | LNG Business | Ukrainian | 3 | 108 | 2 | 3 | Vasylyshyn R.D. (044) 527-81-53 |
| 11 | Mechanization LNG | Ukrainian | 2 | 72 | 1,3 | 2 | Hrushanskyy O.A.t. (044) 527-82-80 |
| Total for the cycle of professional and practical training | | | | 900 | 16,7 | 25 | |
| Total with the compulsory component | | | | 2430 | 45 | 67,5 | |
| Optional component for 8.130401 – “Forestry” | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| 1 | Wood selection | Ukrainian | 2 | 90 | 1,7 | 2,5 | Oleksiychenko N.O. (044) 257-82-96 Noolex @bigmir.net |
| 2 | Dendrology | Ukrainian | 2 | 108 | 2 | 3 | Marchuk O.O. (044) 527-85-18 |
| 3 | Forestry | Ukrainian | 2 | 180 | 3,3 | 5 | Kirichok L.S. (044) 527-82-82 |
| 4 | Mechanization of forestry work | Ukrainian | 1 | 144 | 2,7 | 4 | Vyhovsky A.J. (044) 527-82-80 |
| 5 | Economics of Forestry | Ukrainian | 3 | 126 | 2,3 | 3,5 | Kravets P.V. (044) 527-88-00 |
| 6 | Information technologies in forestry | Ukrainian | 3 | 90 | 1,7 | 2,5 | Terentyev A.J. (044) 527-81-53 |
| 7 | Progeny | Ukrainian | 3 | 198 | 3,7 | 5,5 | Maurer V.M. Browko F.M. Kychilyuk O.V. (044) 527-87-47 |
| 8 | Forest inventory | Ukrainian | 3 | 144 | 2,7 | 4 | Strochynskyy A.A. (044) 527-85-23 |
| 9 | Aerospace methods in | Ukrainian | 4 | 72 | 1,3 | 2 | Manita O.G. |

| | | | | | | | |
|---|---------------------------------------|-----------|---|-------------|-------------|-----------|--|
| | forestry | | | | | | (044) 527-85-23 |
| 10 | Forest fitopatology | Ukrainian | 3 | 108 | 2 | 3 | Hoychuk A.F. (044) 527-82-38 |
| 11 | Forest managing | Ukrainian | 4 | 108 | 2 | 3 | Hirs O.A. (044) 527-85-23 |
| 12 | Forest Entomology | Ukrainian | 4 | 72 | 1,3 | 2 | Maksymchuk N.V. (044) 527-85-78 |
| 13 | Forest Animal Biology | Ukrainian | 4 | 72 | 1,3 | 2 | Tishchenko V.M. (044) 527-82-38 |
| 14 | | Ukrainian | 2 | 90 | 1,7 | 2,5 | Dudarets S.M. (044) 527-81-73 |
| 15 | Basics hydrotechnical Reclamation | Ukrainian | 2 | 54 | 1 | 1,50 | Zibtsev S.V. (044) 527-82-82 |
| 16 | Forest pirology | Ukrainian | 3 | 126 | 2,3 | 3,5 | Malyuga V.M. (044) 527-81-73 |
| 17 | Forest melioration | Ukrainian | 4 | 126 | 2,3 | 3,5 | Ganzha P.K. (044) 527-81-53 |
| 18 | Organization of forestry production | Ukrainian | 4 | 72 | 1,3 | 2 | Ghrib V.M. (044) 527-89-98 |
| Total for the disciplines of the University's choice | | | | 1980 | 36,6 | 55 | |
| Disciplines chosen by students | | | | | | | |
| 1 | Fundamentals of professional training | Ukrainian | 1 | 72 | 1,3 | 2 | Levchenko V.V. (044) 527-82-82 |
| 2 | Remote Sensing | Ukrainian | 7 | 72 | 1,3 | 2 | Kohan S.S. (044) 257-93-87 |
| 3 | Management Consulting | Ukrainian | 8 | 36 | 0,7 | 1 | Kal'na-Dubinyuk T.P. Assoc. (044) 527-80-61 consult@nauu.kiev.ua |
| 4 | Politics | Ukrainian | 8 | 72 | 1,3 | 2 | Sekunova Y.V. (044) 527-81-71 |
| 5 | Fundamentals of Law | Ukrainian | 7 | 90 | 1,7 | 2,5 | Duda H.I. (044) 527-81-71 |
| 6 | Sociology | Ukrainian | 7 | 90 | 1,7 | 2,5 | Boiko I.I. (044) 527-81-71 |
| 7 | Essentials of Economic Theory | Ukrainian | 5 | 108 | 2 | 3 | Koval O.M. (044) 527-85-43 |
| Total for the disciplines of the students' choice | | | | 540 | 10 | 15 | |
| Total with the optional component | | | | 2520 | 46,6 | 70 | |
| Optional component for 8. 130402 – “Horticulture” | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| 1 | Forest study and forestry recreation | Ukrainian | 2 | 90 | 1,7 | 2,5 | Kremenets'ka E.A. (044) 527-82-82 |
| 2 | Fundamentals of Art | Ukrainian | 1 | 72 | 1,3 | 2 | But N.K. (044) 527-82-96 |
| 3 | Landscape Architecture | Ukrainian | 3 | 144 | 2,7 | 4 | Sidorenko I.A. (044) 527-82-96 i_sido@ukr.net |
| 4 | Floriculture | Ukrainian | 2 | 72 | 1,3 | 2 | Krupkina L.I., (044) 257-85-28 L.Krupkina@ukr.net |
| 5 | Lukivnytsstvo and lawns | Ukrainian | 4 | 72 | 1,3 | 2 | Kolesnichenko A.V. (044) 257-85-28 (044) 257-81-00 biosozo_chair.@twin.na uu.kiev.ua |
| 6 | LANDSCAPING construction | Ukrainian | 4 | 108 | 2 | 3 | Kushnir A.I. (044) 527-82-96 A-Kushnir @ukr.net Sukhanova A.A. (044) 527-82-96 |

| | | | | | | | |
|---|--|-----------|-----|-------------|--------------|--------------|---|
| 7 | Landscape design | Ukrainian | 2 | 90 | 1,7 | 2,5 | But N.K. (044) 527-82-96 |
| 8 | Ornamental plants closed environment | Ukrainian | 4 | 72 | 1,3 | 2 | Krupkina L.I., (044) 257-85-28 L.Krupkina@ukr.net |
| 9 | Park managing | Ukrainian | 3 | 54 | 1 | 1,5 | Berezivskyi L.M. senior (044) 527-85-23 |
| 10 | Fauna parks and forest parks | Ukrainian | 1 | 72 | 1,3 | 2 | Tishchenko V.M. (044) 527-86-20 |
| 11 | Organization LNG | Ukrainian | 4 | 54 | 1 | 1,5 | Zibtseva O.V. (044) 527-82-96 Stplut@yandex.ru |
| 12 | Topiarnoe Arts | Ukrainian | 3 | 72 | 1,3 | 2 | Dzyba A.A. (044) 257-85-28 Ang@email.ua |
| 13 | Engineering equipment ACT | Ukrainian | 4 | 72 | 1,3 | 2 | Sagaydak S.I. (044) 527-82-96 Sagaidak SV@i.ua |
| 14 | Forest Essentials | Ukrainian | 4 | 72 | 1,3 | 2 | Browko F.M. (044) 527-87-47 |
| 15 | Urban Essentials | Ukrainian | 3 | 72 | 1,3 | 2 | Troshkin O.A.. (044) 527-82-96 |
| Total for the disciplines of the University's choice | | | | 1188 | 21,8 | 33 | |
| Disciplines chosen by students | | | | | | | |
| 1 | Physical education | Ukrainian | 1-2 | 90 | 1,7 | 2,5 | Breza G.Y. (044) 527-85-21 (044) 527-84-17 |
| 2 | Fundamentals of Biotechnology | Ukrainian | 3 | 54 | 1 | 1,5 | Nowak T.V. (044) 527-85-17 |
| 3 | Basics arrangement | Ukrainian | 3 | 72 | 1,3 | 2 | Vintonyak I.J. (044) 257-85-28 orangmagic @bigmir.net |
| 4 | Hydraulic structures gardens | Ukrainian | 3 | 72 | 1,3 | 2 | Konakov V.F (044) 527-88-47 |
| 5 | Introduction and Adaptation of ornamental plants | Ukrainian | 4 | 72 | 1,3 | 2 | Demchenko E.A. (044) 527-85-18 demchenko@ nauu.kiev.ua |
| 6 | Fundamentals of composition | Ukrainian | 4 | 54 | 1 | 1,5 | Sidorenko I.A. (044) 527-82-96 i_sido@ukr.net |
| 7 | Foreign Language | Ukrainian | 1-2 | 180 | 3,3 | 6,5 | Polishchuk L.V. Voloshina G.G. (044) 527-81-81 foreign_chair@ engl_chair@ |
| 9 | Politics | Ukrainian | 4 | 72 | 1,3 | 2 | Sekunova Y.V. (044) 527-81-71 |
| 10 | Fundamentals of Law | Ukrainian | 4 | 72 | 1,3 | 2 | Duda H.I. (044) 527-81-71 |
| 11 | Sociology | Ukrainian | 3 | 72 | 1,3 | 2 | Boiko I.I. (044) 527-81-71 |
| Total for the disciplines of the students' choice | | | | 810 | 14,8 | 24 | |
| Total with the optional component | | | | 1998 | 36,6 | 57 | |
| Total with the area of training | | | | 6948 | 128,2 | 194,5 | |

* Physical Training is included into the weekly classroom load (30 hours), but it is not an academic credit discipline.

2.8. EDUCATION-SCIENTIFIC INSTITUTE OF LAND RESOURCES AND LAW

The Institute director is the Doctor of Law, Professor **Volodymyr Ivanovych Kurylo**
Tel.: (044) 258-11-54. E-mail: llp_nni_director@twin.nauu.kiev.ua
Location: educational building № 6, room 212.

The ESI of Land Resources and Law includes:

The Faculty of Land Management

The Dean is PhD in Economic Sciences, associate professor **Olha Stepanivna Dorosh**.
Tel. (044) 258-05-25 E-mail: landuse_dean@twin.nauu.kiev.ua

The Faculty conducts training for EQL “Bachelor” in the areas:

6.070904 – “Geodesy, Cartography and Land Management”

Qualification of graduates: Bachelor in Geodesy, Cartography and Land Management.

Graduates’ academic rights — can continue their study for the Master’s degree majoring in a relevant area from the curricula of undergraduate programs, beginning with the second year of study.

8.070904 “Land Management and Cadastre”

or with specialities of the study area «Specific categories»:

8.000001 – “Quality, Standardization and Certification”

8.000005 – “Pedagogics of Higher School”

8.000007 – “Administrative Management”

The Law Faculty

The Dean is the PhD of Law, associate professor Yara Olena
Tel. (044) -257-33-10 E-mail: lawyer-din@turn.nauu.kiev.ua
Location: educational building № 6, room 231

The Faculty conducts training of Bachelors in the areas:
6.030401 – “Law”

Qualification of graduates: Bachelor of Law

Graduates’ academic rights – can continue their study for the Master’s degree majoring in a relevant area from the curricula of undergraduate programs, beginning with the second year of study.

7.060101 – “Law”

8.060101 – “Law”

or with specialities in the training area “Specific categories”:

8.000001 – “Quality, standardization and certification”

8.000005 – “Pedagogics of Higher School”

8.000007 – “Administrative Management”

Bases of students’ practical training are the training-and-experimental farms of NULES of Ukraine, State Committee of Land Resources; regional and district administrations of land resources; Centers of state land cadastre and their regional branches; research-and-experimental and project institutes of land survey; the Ministry of Environmental Protection of Ukraine and its subdivisions; the Main Administration of Land Resources of Kyiv City State Administration; governmental bodies of state administration in the field of agriculture, land resources, district bodies of internal affairs, the courts of general jurisdiction, legal offices of agrarian business.

Area of training 6.070905 – “Geodesy, Cartography and Land Management”

Training specialists is carried out in:

- **Basic institution of the University (Kyiv);**
- **SA of NULES of Ukraine “The Crimean Agrotechnological University”**

The structure of curriculum of training for EQL “Bachelor” in the area “Geodesy, Cartography and Land Management”

The Curriculum is concluded on the basis of educational and vocational training programs EQL “Bachelor” for “Geodesy, Cartography and Land Management”.

The compulsory component of the curriculum consists of 3 training cycles: the humanitarian and socio-economic, mathematical and natural-scientific, professional and practical, totaling 5076 hours., 94,0 national credits, 141 ECTS credits.

The optional component of the curriculum consists of Disciplines chosen by the University and by students totaling 4278 hours, 79,2 national credits and 118,8 ECTS credits.

The total time by the curriculum makes up 9354 hours, 173,2 national credits and 259,8 ECTS credits.

The curriculum includes::

- writing 5 course projects (works) in: “Projecting Roads of Local Significance”, “Land Cadastre”, “Land Survey Projecting”, “Planning Rural Settlements”, “Geodesic Works under Land Survey”.
- 7 practical trainings: academic and production.

Training period is 4 years.

State certification comprises a state examination.

Curriculum for EQL “Bachelor” in the area “Geodesy, Cartography and Land Management”

| Nu m be r | Academic discipline, practice | Languag e of Training | Semes ter | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|--|--|-----------------------------|--------------|-----------|----------|------|---|
| | | | | Hour s | Credits | | |
| | | | | | National | ECTS | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and socio-economic training | | | | | | | |
| 1 | History of Ukraine | Ukrainian | 1 | 108 | 2,0 | 3,0 | Kravchenko N.B., natural_nni_director@tv n.nauu.kiev.ua 257-81-16 |
| 2 | Ukrainian (by professional direction) | Ukrainian | 2 | 108 | 2,0 | 3,0 | Bezpalenko A.M. Tepla O.M. natural_nni_director@tv n.nauu.kiev.ua 257-81-16 |
| 3 | History of Ukrainian culture | Ukrainian | 1 | 72 | 1,3 | 2,0 | Hryshenko V.I. natural_ nni_director@tv n.nauu.kiev.ua 257-89-08 |
| 4 | Philosophy | Ukrainian | 3 | 108 | 2,0 | 3,0 | Bosenko Y.B. Pavlov Y.I. natural_ nni_director@tvin.nauu.kiev.ua 257-93-31 |
| 5 | Foreign language | English German French | 1,2 | 180 | 3,3 | 5,0 | Tenkach Y.B. Zhukova L.V. Oliinyk O.O. natural_ nni_director@tvin.nauu.kiev.ua 257-81-44 |
| 6 | Physical training* | Ukrainian | 1,2,3, 4 | 270 | 5,0 | 7,5 | Makarevych V.Y. Berda G.Y. 257-89-64 |
| Total for the cycle of humanitarian and socio-economic training | | | | 576 | 10,6 | 16,0 | |
| Cycle of mathematical and natural-scientific training | | | | | | | |
| 1 | Higher mathematics | Ukrainian | 1,2,3 | 594 | 11 | 16,5 | Slusarenko V.H. lip_nni_director@twin.nauu.kiev. ua 258-54-11 |
| 2 | Physics | Ukrainian | 1,2 | 324 | 6 | 9,0 | Kosenko O.I., natural_nni_director@tvin.nauu.kiev.u a |
| 3 | Informatics and program-ming | Ukrainian | 1,2,3 | 198 | 3,7 | 5,5 | Kokhan S.S., GIS DZZ chair@ nauu.kiev.ua 258-05-24 |
| 4 | Principles of ecology | Ukrainian | 3 | 54 | 1,0 | 1,5 | Naumovska O.I. biotech_nni_director@twin.nauu.kiev. ua 527-81-95 |
| 5 | Life Safety | Ukrainian | 4 | 72 | 1,3 | 2,0 | Prylypko V.A., agroeco_chair@twin. nauu.kiev.ua 527-87-65 |
| 6 | Metrology and Standardi- zation | Ukrainian | 6 | 54 | 1,0 | 1,5 | Boyko V.V. tecphis_chair@twin.nauu.kiev.ua 527-84-27 |
| 7 | Geology and geomor- phology | Ukrainian | 1 | 90 | 1,6 | 2,5 | Kravchenko Y.S., plant_nni_director@twin.nauu.kiev. ua 527-86-89 |
| 8 | Labor | Ukrainian | 5 | 54 | 1,0 | 1,5 | Voinolovych O.V. |

| | | | | | | | |
|--|---|-----------|---------|-------------|-------------|-------------|--|
| | Protection | | | | | | tech_nni_director@twin.nauu.kiev.ua 527-82-99 |
| 9 | Radioelectronics in geodesy | Ukrainian | 8 | 108 | 2,0 | 3 | Zhuk O.P. marmeking_chair@twin.nauu.kiev.ua 258-05-24 |
| 10 | Mathematical methods and models | Ukrainian | 7 | 108 | 2,0 | 3 | Martin A.H. Proekt chair@twin.nauu.kiev.ua 258-05-24 |
| Total for the cycle of mathematical and natural-scientific training | | | | 1656 | 30,6 | 46 | |
| Cycle of professional and practical training | | | | | | | |
| The 1st subcycle of professional and practical training | | | | | | | |
| 1 | Geodesy | Ukrainian | 1,2,3,4 | 684 | 12,6 | 19,0 | Hora I.M. marmeking_chair@twin.nauu.kiev.ua 258-05-24 |
| 2 | Photogrammetry and remote probing | Ukrainian | 5,6 | 216 | 4,0 | 6,0 | Kupriianchyk I.P. Uzr_zem@i.com.ua 258-05-24 |
| 3 | Satellite geodesy | Ukrainian | 6 | 108 | 2,0 | 3,0 | Staroverov S.V. marmeking_chair@twin.nauu.kiev.ua 258-05-24 |
| 4 | Higher geodesy | Ukrainian | 5 | 162 | 3 | 4,5 | Staroverov S.V. marmeking_chair@twin.nauu.kiev.ua 258-05-24 |
| 5 | GIS and data principles | Ukrainian | 5 | 180 | 3,3 | 5,0 | Nazarenko N.M. GIS DZZ chair@nauu.kiev.ua 258-05-24 |
| 6 | Mathematical processing of geodesical measurement | Ukrainian | 4 | 126 | 2,3 | 3,5 | Zhuk O.P. marmeking_chair@twin.nauu.kiev.ua 258-05-24 |
| 7 | Investment analysis | Ukrainian | 2 | 90 | 1,6 | 2,5 | Vyshnivska B.V. business_nni_director@twin.nauu.kiev.ua 527-85-40 |
| 8 | Principles of land management and cadastre | Ukrainian | 4 | 108 | 2,0 | 3,0 | Kanash O.P. cad@i.com.ua 258-05-24 |
| 9 | Cartography | Ukrainian | 7 | 108 | 2,0 | 3,0 | Yevsiukov T.O. marmeking_chair@twin.nauu.kiev.ua 258-05-24 |
| 10 | Land law | Ukrainian | 7,8 | 108 | 2,0 | 3,0 | Dorosh Y.M. landuse_dean@twin.nauu.kiev.ua 258-05-24 |
| 11 | Financial-economic activity | Ukrainian | 7 | 90 | 1,6 | 2,5 | Palamarchuk L.V. cad@i.com.ua 258-05-24 |
| 12 | Organization and management of production | Ukrainian | 8 | 108 | 2,0 | 3,0 | Yermakov O.Y. organizing_chair@twin.nauu.kiev.ua 527-86-60 |
| Total for the 1st cycle of professional and practical training | | | | 2088 | 38,6 | 58,0 | |
| The 2nd subcycle of professional and practical training | | | | | | | |
| Academic Practice | | | | | | | |
| 1 | Computing technics | Ukrainian | 2 | 36 | 0,7 | 1 | Nazarenko N.M. GIS DZZ chair@nauu.kiev.ua 258-05-24 |
| 2 | Soil study | Ukrainian | 2 | 36 | 0,7 | 1 | Berezhniak M.F. plant_nni_director@twin.nauu.kiev.ua |
| 3 | Geodesy | Ukrainian | 2,4 | 288 | 5,3 | 8 | Hora I.M. marmeking_chair@twin.nauu.kiev.ua 258-05-24 |
| 4 | Agriculture | Ukrainian | 4 | 36 | 0,7 | 1 | Rozhko V.M. agriculture_chair@twin.nauu.kiev.ua 527-82-14 |
| 5 | Photographic | Ukrainian | 6 | 72 | 1,3 | 2 | Kupriianchyk I.P. |

| | | | | | | | |
|---|--|-----------|-----|------|------|-------|--|
| | survey | | | | | | Uzr_zem@i.com.ua 258-05-24 |
| 6 | Geodesic works under land survey | Ukrainian | 6 | 72 | 1,3 | 2 | Zholkovtskyi P.F. Uzr_zem@i.com.ua 258-05-24 |
| 7 | Production Practice | | | | | | |
| 8 | | Ukrainian | 6 | 216 | 4,0 | 6 | Kryvov B.M. Kanash O.P. cad.@i.com.ua 258-05-24 |
| Total for the 2nd subcycle of professional and practical training | | | | 756 | 14 | 21,0 | |
| Total with the cycle of professional and practical training | | | | 2844 | 52,6 | 79,0 | |
| Total with the compulsory component | | | | 5076 | 94,0 | 141,0 | |
| Optional Component for 8.070904 " Land Management and Cadastre" | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| 1 | Topographical and land drawings | Ukrainian | 1,2 | 90 | 1,6 | 2,5 | Rafalska L.P. marketing chair@twin.nauu.kiev.ua 258-05-24 |
| 2 | History of land relation and land management | Ukrainian | 3 | 90 | 1,6 | 2,5 | Hunko L.A. cad.@i.com.ua 258-05-24 |
| 3 | Geodesic works under land survey | Ukrainian | 5,6 | 180 | 3,3 | 5,0 | Zholkovtskyi P.F. Uzr_zem@i.com.ua 258-05-24 |
| 4 | Land Cadastre | Ukrainian | 5,6 | 306 | 5,6 | 8,5 | Tyhenko O.V. Kanash O.P. cad.@i.com.ua 258-05-24 |
| 5 | Land design | Ukrainian | 5,6 | 270 | 5 | 7,5 | Kryvov V.M. Proekt chair@twin.nauu.kiev.ua 258-05-24 |
| 6 | Land melioration | Ukrainian | 5,6 | 126 | 2,3 | 3,5 | Pasichnyk N.A. Standart.Rosl centre@twin.nauu.kiev.ua 257-85-58 |
| 7 | Engineering infrastructure of territories | Ukrainian | 4 | 90 | 1,6 | 2,5 | Kustovska O.V. Proekt chair@twin.nauu.kiev.ua 258-05-24 |
| 8 | Digital plans and maps | Ukrainian | 4 | 108 | 2,0 | 3,0 | Yevsiukova T.O. marketing chair@twin.nauu.kiev.ua 258-05-24 |
| 9 | Soil with the principles of Agrochemistry | Ukrainian | 2 | 252 | 4,6 | 7,0 | Berezhniak M.F. plant nni director@twin.nauu.kiev.ua 527-86-89 |
| 10 | Agriculture | Ukrainian | 4 | 108 | 2,0 | 3,0 | Rozhko V.M. agriculture chair@twin.nauu.kiev.ua 527-82-14 |
| 11 | Plant cultivation | Ukrainian | 4 | 72 | 1,3 | 2,0 | Kalenska S.M. agriculture chair@twin.nauu.kiev.ua 527-86-26 |
| 12 | Rational Land Use Systems | Ukrainian | 4 | 108 | 2,0 | 3,0 | Barvinskyi A.V. Uzr_zem@i.com.ua 258-05-24 |
| 13 | Designing local roads | Ukrainian | 3 | 72 | 1,3 | 2,0 | Bavrovska N.M. cad@i.com.ua 258-05-24 |
| 14 | Land Protection | Ukrainian | 5 | 108 | 2,0 | 3,0 | Barvinskyi A.V. Uzr_zem@i.com.ua 258-05-24 |

| | | | | | | | |
|---|--|-----------|-----|------|------|------|--|
| 15 | Mathematical statistics | Ukrainian | 3 | 72 | 1,3 | 2,0 | Hnuchyi Y.B. vpmath@nauu.kiev.ua 257-80-91 |
| 16 | Family and home culture | Ukrainian | 4 | 54 | 1,3 | 1,5 | Hryshchenko T.B. natural nni director@ twin.nauu.kiev.ua 527-88-12 |
| 17 | Cadastral settlements | Ukrainian | 8 | 108 | 2,0 | 3,0 | Palamarchuk L.V. cad@i.com.ua 258-05-24 |
| 18 | Land Cadastre | Ukrainian | 7,8 | 181 | 3,4 | 5,0 | Kanash O.P. .cad@i.com.ua 258-05-24 |
| 19 | Land design | Ukrainian | 7,8 | 360 | 6,7 | 10,0 | Kryvov V.M. Proekt chair@twin.nauu.kiev.ua 258-05-24 |
| 20 | Automated cadastral System of Land | Ukrainian | 7 | 126 | 2,3 | 3,5 | Kokhan S.S., GIS DZZ chair@ nauu.kiev.ua 258-05-24 |
| 21 | Principles of Land Management | Ukrainian | 7 | 90 | 1,6 | 2,5 | Dorosh Y.M. landuse dean@twin.nauu.kiev.ua 258-05-24 |
| 22 | Planning of rural settlements | Ukrainian | 8 | 197 | 3,6 | 5,5 | Loyik G.K. cad@i.com.ua 258-05-24 |
| 23 | Reproduction Technologies of Land Productivity | Ukrainian | 7 | 90 | 1,6 | 2,5 | Barvinskyi A.V. Uzr_zem@i.com.ua 258-05-24 |
| 24 | Remote Monitoring of Land Resources | Ukrainian | 8 | 108 | 2,0 | 3,0 | Kokhan S.S., GIS DZZ chair@ nauu.kiev.ua 258-05-24 |
| 25 | Agroforestry melioration | Ukrainian | 8 | 108 | 2,0 | 3,0 | Maliuha V.M. Lakyda@nauu.kiev.ua 527-82-37 |
| Total for the disciplines of the University's choice | | | | 3474 | 64,3 | 96,5 | |
| Disciplines chosen by students | | | | | | | |
| 1 | Psychology | Ukrainian | 4 | 72 | 1,3 | 2,0 | Kostiuk O.V. psychology chair@twin. nauu.kiev.ua 257-22-10 |
| 2 | Religion | Ukrainian | 3 | 54 | 1,0 | 1,5 | Hudina N.M., Romanova N.S. philosopher@twin. nauu.kiev.ua 527-82-39 |
| 3 | Economic theory | Ukrainian | 5 | 108 | 2,0 | 3,0 | Bolharova N.N., Kosian O.A. natural_ nni_director@twin.nauu.kiev.ua 257-80-0257-81-16 |
| 4 | Law | Ukrainian | 6 | 90 | 1,6 | 2,5 | Rudko V.I., Rudko R.M. 257-33-10 |
| 5 | Sociology | Ukrainian | 6 | 54 | 1,0 | 1,5 | Volobuyev V.I. psychology chair@twin. nauu.kiev.ua 257-22-10 |
| 6 | Ethics | Ukrainian | 4 | 36 | 1,0 | 1,0 | Kravchenko A. H. philosopher@twin. nauu.kiev.ua |

| | | | | | | | |
|--|----------|-----------|---|-------------|--------------|--------------|--|
| | | | | | | | 527-82-39 |
| 7 | Politics | Ukrainian | 7 | 90 | 1,6 | 2,5 | Semchynskyi K.V. philosopher@twin. nauu.kiev.ua 527-82-39 |
| Total for the disciplines of the students' choice | | | | 504 | 8,5 | 14 | |
| Total with the optional component | | | | 4278 | 79,2 | 11,88 | |
| Total with the area of training | | | | 9354 | 173,2 | 259,8 | |

* Physical Training is included into the weekly classroom load (30 hours), but it is not an academic credit discipline.

Training EQL “Bachelor” with the shorter training period meant for Junior Specialists

Graduates who have received EQL “Junior Specialist” for the area study **6.070904 – “Geodesy, Cartography and Land Management”** with the specialization:

5.08010101 – “Mapping and Geodesical Equipment Operation”

5.08010102 – “Land Management

5.08010103 – “Cartographic Works”

are admitted to training for EQL “Bachelor” with the shorter (two years) training period after passing the entrance examinations in professional disciplines and eliminating differences in academic curricula.

Curriculum for EQL “Bachelor” with the shorter (two years) training period in the area “Geodesy, Cartography and Land Management” meant for Junior Specialists

| Num ber | Academic discipline, practice | Language of Training | Semester | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|---|----------------------------------|-------------------------|----------|--------|---------|------|---|
| | | | | Hours | Credits | | |
| Nation al | ECT S | | | | | | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and socio-economic training | | | | | | | |
| 1 | History of Ukrainian culture | українська | 1 | 72 | 1,3 | 2,0 | Bilan S.V. <u>natural_nni_director@tvin.nauu.kiev.ua</u> 527-80-50 |
| Total for the cycle of humanitarian and socio-economic training | | | | 72 | 1,3 | 2,0 | |
| Cycle of mathematical and natural-scientific training | | | | | | | |
| 1 | Higher mathematics | Ukrainian | 1 | 234 | 4,3 | 6,5 | Sliusarenko V.H <u>llp_nni_director@twin.nauu.kiev.ua</u> 258-54-11 |
| 2 | Physics | Ukrainian | 1 | 108 | 2,0 | 3,0 | Kosenko O.I. <u>techphis_chair@twin.nauu.kiev.ua</u> 527-84-87 |
| 3 | Informatics and programming | Ukrainian | 1 | 180 | 3,3 | 5,0 | Nazarenko N.M. <u>GIS_DZZ_chair@nauu.kiev.ua</u> Тел. 258-05-24 |
| 4 | Geology and geomorphology | Ukrainian | 2 | 90 | 1,6 | 2,5 | Kravchenko Y.S. <u>plant_nni_director@twin.nauu.kiev.ua</u> 527-86-89 |
| 5 | Radioelectronics in geodesy | Ukrainian | 2 | 108 | 2,0 | 3,0 | Zhuk O.P. <u>marmeking_chair@twin.nauu.kiev.ua</u> Тел. 258-05-24 |
| 6 | Mathematical methods and models | Ukrainian | 2 | 108 | 2,0 | 3,0 | Martin A.H.. Proekt <u>chair@twin.nauu.kiev.ua</u> Тел. 258-05-24 |
| Total for the cycle of mathematical and natural-scientific training | | | | 828 | 15,3 | 23,0 | |
| Cycle of professional and practical training | | | | | | | |
| The 1 st subcycle of professional and practical training | | | | | | | |
| 1 | Geodesy | Ukrainian | 1,2 | 342 | 6,3 | 9,5 | Hora I.M. <u>marmeking_chair@twin.nauu.kiev.ua</u> |

| | | | | | | | |
|---|--|------------------------|---|-------------|-------------|-------------|---|
| | | | | | | | <u>ev.ua</u> Тел. 258-05-24 |
| 2 | Photogrammetry and remote probing | Ukrainian | 3 | 216 | 4 | 6,0 | Kupriianchuk I.P. Uzr_zem@i.com.ua Тел.258-05-24 |
| 3 | Investment analysis | Ukrainian | 3 | 90 | 1,6 | 2,5 | Vyshnivska B.V. <u>buziness_nni_director@twin.nauu.kiev.ua</u> Тел. 527-85-40 |
| 4 | Satellite geodesy | Ukrainian | 2 | 108 | 2,0 | 3,0 | Staroverov V.S. <u>marmeking_chair@twin.nauu.kiev.ua</u> Тел. 258-05-24 |
| 5 | Cartography | Ukrainian | 3 | 108 | 2,0 | 3,0 | Yevsyukov T.O.. <u>marmeking_chair@twin.nauu.kiev.ua</u> Тел. 258-05-24 |
| 6 | Higher geodesy | Ukrainian | 2 | 162 | 3 | 4,5 | Staroverov V.S.. <u>marmeking_chair@twin.nauu.kiev.ua</u> Тел. 258-05-24 |
| 7 | Mathematical processing of geodesic measurements | Ukrainian | 2 | 126 | 2,3 | 3,5 | Yevsyukov T.O <u>marmeking_chair@twin.nauu.kiev.ua</u> Тел. 258-05-24 |
| 8 | GIS and databases | Ukrainian | 2 | 180 | 3,3 | 5,0 | Nazarenko N.M.. <u>GIS_DZZ_chair@nauu.kiev.ua</u> Тел. 258-05-24 |
| 9 | Land law | Ukrainian | 3 | 108 | 2,0 | 3,0 | Dorosh O.S. <u>landuse_dean@twin.nauu.kiev.ua</u> 258-05-25 |
| 10 | Financial-economic activity | Ukrainian | | 90 | 1,6 | 2,5 | Palamarchuk L.V. <u>cad@i.com.ua</u> Тел.258-05-24 |
| Total for the 1st cycle of professional and practical training | | | | 1530 | 28,3 | 42,5 | |
| The 2nd subcycle of professional and practical training | | | | | | | |
| Academic Practices | | | | | | | |
| 1 | Informatics and programming | Ukrainian | 2 | 36 | 0,7 | 1,0 | Nazarenko N.M. <u>GIS_DZZ_chair@nauu.kiev.ua</u> Тел. 258-05-24 |
| 2 | Soil Study | Ukrainian | 2 | 36 | 0,7 | 1,0 | Berezhniak M.F. <u>plant_nni_director@twin.nauu.kiev.ua</u> |
| 3 | Geodesy | Ukrainian | 2 | 216 | 4,0 | 6,0 | Hora I.V. <u>marmeking_chair@twin.nauu.kiev.ua</u> Тел. 258-05-24 |
| Production Practice | | | | | | | |
| 1 | Land design and land cadastre | Ukrainian Ukrainian | 3 | 108 | 2,0 | 3,0 | Priadka T.M. Loyik H.K. <u>cad@i.com.ua</u> Тел.258-05-24 |
| Total for the 2nd subcycle of professional and practical training | | | | 396 | 7,3 | 11,0 | |
| Total with the cycle of professional and practical training | | | | 1926 | 35,7 | 53,5 | |
| Total with the compulsory component | | | | 2896 | 53,6 | 80,5 | |

Area of training 6.030401 – “Law”

Training is conducted at:

- **Basic institution of the University (Kyiv);**
- **SA of NULES of Ukraine “Mukachivskii NIKP”**

The structure of curriculum of training for EQL “Bachelor” in the area “Law”

The Curriculum is concluded on the basis of educational and vocational training programs EQL “Bachelor” for “Law”.

The compulsory component of the curriculum consists of 3 training cycles: the humanitarian and social-economical, natural-scientific; professional and practical, totaling 4806 hours, 88,5 national credits, 133,5 ECTS credits.

The Optional component of the curriculum consists of Disciplines chosen by the University and by students totaling 4518 hours, 78,4 national credits, 158 ECTS credits.

The total time by the curriculum makes up 9404 hours, 192,4 national credits, 346 ECTS credits.

The curriculum provides:

- writing 7 course projects (works) in: “Theory of State and Law”; “Constitutional Law”; “Civil and Family Law”; “Criminal Law”; “Land law”; “Agrarian Law”.
- 2 practical training: academic and production.

Training period is 4 years.

State certification comprises a state examination, writing and defending a Bachelor’s paper.

Curriculum for EQL “Bachelor” in the area “Law”

| Numb er | Academic discipline, practice | Language of Training | Semester | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|---|--|-----------------------------|----------|--------|--------------|------|--|
| | | | | Hours | Credits | | |
| | | | | | Nationa l | ECTS | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and socio-economic training | | | | | | | |
| 1 | Ukrainian Language (by professional direction) | Ukrainian | 1 | 108 | 2 | 3 | Bezpalenko A.M. Tepla O.M. 257-89-08 agrlandeko@yandex.ru |
| 2 | History of Ukraine | Ukrainian | 1 | 108 | 2 | 3 | Kravchenko N.B. 257-81-16 agrlandeko@yandex.ru |
| 3 | History of Ukrainian culture | Ukrainian | 4 | 72 | 1,3 | 2 | Grishchenko I.B. 527-89-08 agrlandeko@yandex.ru |
| 4 | Foreign language | English German French | 1-5 | 180 | 3,3 | 5 | Tenkach. L.A. Zhukova L.A. Oliinyk O.O. 257-81-44 agrlandeko@yandex.ru |
| 5 | Philosophy | Ukrainian | 3-4 | 108 | 2 | 3 | Bosenko Y.B. Pavlov Y.U. 257-93-31 agrlandeko@yandex.ru |
| 6 | Physical training* | Ukrainian | 1-4 | 270 | 5 | 7,5 | Makarevich V.Y. Berda G.Y. 257-89-64 agrlandeko@yandex.ru |
| Total for the cycle of humanitarian and socio-economic training | | | | 576 | 10,6 | 16,0 | |
| Cycle of natural-scientific training | | | | | | | |
| 1 | Life safety | Ukrainian | 4 | 54 | 1 | 1.5 | Piskunova L.E. 527-87-65 agrlandeko@yandex.ru |
| 2 | Fundamentals of informatics and computational technique | Ukrainian | 1 | 90 | 1,6 | 2,5 | Nazarenko N.M. 257-33-10 kaf.krr@gmail.com |
| Total for the cycle of natural-scientific training | | | | 144 | 2,6 | 4 | |
| Cycle of professional and practical training | | | | | | | |
| The 1 st subcycle of professional and practical training | | | | | | | |
| 1 | Civil and family law | Ukrainian | 3-5 | 432 | 8 | 12 | Yermolenko V.M. Novak T.S. 257-33-10 kaf.krr@gmail.com |
| 2 | Court and law enforcement agencies | Ukrainian | 1 | 108 | 2 | 3 | Shamrai V.O. Mel'nik O.M 257-33-10 kaf.krr@gmail.com |
| 3 | Administrative law | Ukrainian | 7 | 144 | 2,6 | 4 | Gaiduk A.V. 257-33-10 agrlandeko@yandex.ru |
| 4 | Foreign language | Ukrainian | 1-5 | 360 | 6,7 | 10 | Tenkach. L.A. Zhukova L.A. Oliinyk O.O. agrlandeko@yandex.ru |

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|--|--|-----------|-----|-------------|-------------|-------------|--|
| | | | | | | | 257- 81-44 |
| 5 | Fundamentals of psychology and pedagogics | Ukrainian | 3 | 54 | 1 | 1,5 | Duhnitska O.V. Polotenko O.V. 257-22-10 |
| 6 | Juridical deontology | Ukrainian | 1-2 | 54 | 1 | 1,5 | Krachkovskiy V.S. 257-33-10 kaf.krr@gmail.com |
| 7 | Theory of state and law | Ukrainian | 1-2 | 216 | 4 | 6 | Kachur V.O. 257-33-10 kaf.krr@gmail.com |
| 8 | History of Ukrainian state and law | Ukrainian | 1-2 | 216 | 4 | 6 | Chehovich A.V. 257-33-10 kaf.krr@gmail.com |
| 9 | Criminal law | Ukrainian | 3-5 | 432 | 8 | 12 | Koval'va S.S. 257-33-10 kaf.krr@gmail.com |
| 10 | Criminalistics | Ukrainian | 7-8 | 216 | 4 | 6 | Kushnir G.A. 257-33-10 kaf.krr@gmail.com |
| 11 | Logics | Ukrainian | 2 | 90 | 1,6 | 2,5 | Spodin L.A. 527-81-50 kaf.krr@gmail.com |
| 12 | Foreign countries history of state and law | Ukrainian | 1-2 | 216 | 4 | 6 | Zaritska I.M. 257-33-10 kaf.krr@gmail.com |
| 13 | Public international law | Ukrainian | 3 | 90 | 1,6 | 2,5 | Selezn'ov M.V. 257-33-10 kaf.krr@gmail.com |
| 14 | State law of foreign countries | Ukrainian | 5 | 108 | 2 | 3 | Golovko L.O. 257-33-10 kaf.krr@gmail.com |
| 15 | Constitutional law | Ukrainian | 4 | 144 | 2,6 | 4 | Maidannik O.O. 257-33-10 kaf.krr@gmail.com |
| 16 | Financial law | Ukrainian | 7 | 126 | 2,3 | 3,5 | Sliusarenko S.V. 257-33-10 agrlandeko@yandex.ru |
| 17 | Ecological law | Ukrainian | 6 | 126 | 2,3 | 3,5 | Shumak I.O. 257-33-10 agrlandeko@yandex.ru |
| 18 | Labour law | Ukrainian | 5-6 | 216 | 4 | 6 | Marchuk H.O. 257-33-10 kaf.krr@gmail.com |
| 19 | History of works about state and law | Ukrainian | 3 | 90 | 1,6 | 2,5 | Duda Kh.I. 257-33-10 kaf.krr@gmail.com |
| Total for the 1st cycle of professional and practical training | | | | 3438 | 63,3 | 95,5 | |
| The 2nd subcycle of professional and practical training | | | | | | | |
| 1 | Working practice | Ukrainian | 8 | 324 | 6 | 9 | Yermolenko V.M. 257-33-10 agrlandeko@yandex.ru |
| 2 | Working pre-diploma practice | Ukrainian | 8 | 108 | 2 | 3 | Yermolenko V.M. 257-33-10 agrlandeko@yandex.ru Kachur V.O. 257-33-10 kaf.krr@gmail.com Kurilo V.I. 257-33-10 |

| | | | | | | | |
|---|---|-----------|-----|-------------|-------------|--------------|--|
| 3 | Diploma project | Ukrainian | 8 | 216 | 4 | 6 | Yermolenko V.M. 257-33-10 agrlandeko@yandex.ru Kachur V.O. 257-33-10 kaf.krr@gmail.com Kurilo V.I. 257-33-10 |
| Total for the 2nd subcycle of professional and practical training | | | | 648 | 12,0 | 18,0 | |
| Total with the cycle of professional and practical training | | | | 4086 | 75,3 | 113,5 | |
| Total with the compulsory component | | | | 4806 | 88,5 | 133,5 | |
| Optional Component for 8.060101 – “Law” | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| 1 | Land law | Ukrainian | 6,7 | 198 | 3,6 | 5,5 | Petlyuk Y.S. 257-33-10 kaf.krr@gmail.com |
| 2 | Agrarian law | Ukrainian | 7-8 | 180 | 3,3 | 5 | Gaphurova O.V. 257-33-10 kaf.krr@gmail.com |
| 3 | Fundamentals of Roman law | Ukrainian | 2 | 90 | 1,6 | 2,5 | Nazarenko V.I. 257-33-10 kaf.krr@gmail.com |
| 4 | Latin language | Ukrainian | 1 | 90 | 1,6 | 2,5 | Gritsenko S.P. 527-87-26 agrlandeko@yandex.ru |
| 5 | Economic law | Ukrainian | 5-6 | 144 | 2,6 | 4 | Pan'kova L.O. Kamarik Y.S. 257-33-10 |
| 6 | Juridical base for investment activity | Ukrainian | 8 | 54 | 1 | 1,5 | Gorislav's'ka I.V. 257-33-10 kaf.krr@gmail.com |
| 7 | Economic process | Ukrainian | 6-7 | 144 | 2,6 | 4 | Nazarenko V.I. 257-33-10 agrlandeko@yandex.ru |
| 8 | Banking law | Ukrainian | 8 | 72 | 1,3 | 2 | Artemenko O.V. 257-33-10 kaf.krr@gmail.com |
| 9 | Prosecutor's supervision | Ukrainian | 7 | 144 | 2,6 | 4 | Mel'nik O.M. 257-33-10 kaf.krr@gmail.com |
| 10 | Intellectual property law | Ukrainian | 6 | 72 | 1,3 | 2 | Makogon V.O. 257-33-10 kaf.krr@gmail.com |
| 11 | Corporate law | Ukrainian | 8 | 72 | 1,3 | 2 | Mel'nik V.O. 257-33-10 kaf.krr@gmail.com |
| 12 | Fundamentals of scientific and legal investigations | Ukrainian | 3 | 72 | 1,3 | 2 | Kachur V.O. 257-33-10 kaf.krr@gmail.com |
| 13 | Agribusiness and entrepreneurship organisation | Ukrainian | 6 | 90 | 1,6 | 2,5 | Rad'ko V.I. 257-33-10 kaf.krr@gmail.com |
| 14 | Accounting and audit | Ukrainian | 4 | 90 | 1,6 | 2,5 | Gubenko T.O. 527-83-61 agrlandeko@yandex.ru |
| 15 | Management fundamentals | Ukrainian | 3 | 90 | 1,6 | 2,5 | Ogopenko N.A. 527-85-66 agrlandeko@yandex.ru |
| 16 | Comparative jurisprudence | Ukrainian | 8 | 90 | 1,6 | 2,5 | Kachur V.O. 257-33-10 kaf.krr@gmail.com |

| | | | | | | | |
|---|---|-----------|-----|-------------|--------------|--------------|--|
| Total for the disciplines of the University's choice | | | | 1692 | 30,5 | 47 | |
| Disciplines chosen by students | | | | | | | |
| 1 | International private law | Ukrainian | 6 | 72 | 1,3 | 2 | Selezn'ov M.V. 257-33-10 kaf.krr@gmail.com |
| 2 | Notary service in Ukraine | Ukrainian | 5 | 72 | 1,3 | 2 | Naumenko V.V. 257-33-10 kaf.krr@gmail.com |
| 3 | Computer systems | Ukrainian | 2-3 | 162 | 3 | 4,5 | Nazarenko N.M. 257-33-10 kaf.krr@gmail.com |
| 4 | Organization of work with documents | Ukrainian | 6 | 72 | 1,3 | 2 | Golovii L.V. 257-33-10 kaf.krr@gmail.com |
| 5 | Criminology | Ukrainian | 8 | 90 | 1,6 | 2,5 | Yara O.S. 257-33-10 kaf.krr@gmail.com |
| 6 | Juridical psychology | Ukrainian | 5 | 72 | 1,3 | 2 | Mel'nik O.M. 257-33-10 kaf.krr@gmail.com |
| 7 | History of political and juridical thought in Ukraine | Ukrainian | 4 | 90 | 1,6 | 2,5 | Duda Kh.Y. 257-33-10 kaf.krr@gmail.com |
| 8 | Habitation law | Ukrainian | 8 | 72 | 1,3 | 2 | Naumenko V.V. 257-33-10 kaf.krr@gmail.com |
| 9 | Advocacy of Ukraine | Ukrainian | 5 | 72 | 1,3 | 2 | Artemenko O.V. 257-33-10 kaf.krr@gmail.com |
| 10 | Court accounting | Ukrainian | 8 | 72 | 1,3 | 2 | Mel'nik O.M. 257-33-10 kaf.krr@gmail.com |
| 11 | Administrative process | Ukrainian | 7 | 108 | 2 | 3 | Grohol's'kii V.L. 259-97-25 kaf.krr@gmail.com |
| 12 | Ukrainian studies | Ukrainian | 2 | 72 | 1,3 | 2 | Bezpalenko A.M. 257-81-16 agrlandeko@yandex.ru |
| Total for the disciplines of the students' choice | | | | 1026 | 18,6 | 28,5 | |
| Total with the optional component | | | | 2718 | 49,1 | 75,5 | |
| Total with the area of training | | | | 4886 | 114,0 | 188,0 | |

* Physical Training is included into the weekly classroom load (30 hours), but it is not an academic credit discipline.

Tentative topics for Bachelor's projects

1. Securities as an object of civil law
2. Legal adoption regulations according to the legislation of Ukraine
3. Peculiarities of inheritance in Ukraine
4. Commitments implementation means in Ukraine
5. Ware rights to another's property in Ukraine
6. Use of intellectual property rights in economic activities
7. Legal regime of extreme ecological situation zones
8. Problems of ecological safety and its legal support
9. Legal payment regulations in Ukraine
10. Collective agreement in present conditions
11. Formation and development of the Ukrainian constitutionalism
12. Basic human rights and guarantee of their maintenance in Ukraine
13. The first codification of law in the USSR in 1922-1929 years
14. The second codification of law in the USSR in 50-80 years of XX ct.
15. Formation and legislative consolidation of emphithesis institute in law of Ukraine
16. Formation and development of contract institute in Ukraine
17. Legal status of judges in Ukraine
18. General-theoretical characteristic of political system of society
19. General-theoretical characteristic of legality and law order
20. International legal regulation of disputes on intellectual property issues in WTO
21. Concept of carrying out of affairs in cases of sanitary and veterinary rules violation.
22. Legal regulation of women's working hours in the legislation of Ukraine.
23. Legal vocation regulations according to the legislation of Ukraine.
24. Legal regulations of employment in Ukraine
25. Labor relationship in agriculture
26. Recognition and decisions performance peculiarities of foreign courts in Ukraine
27. Representation in civil process
28. Arguments and proofs in civil process of Ukraine
29. Consideration and decision of civil cases in the order of the claim

Training EQL “Bachelor” with the shorter training period meant for Junior Specialists

Graduates who have received EQL “Junior Specialist” for the area **6.060100 “Law”** with the specialization::

6.060101 – “Law”

are admitted to training for EQL “Bachelor” with the shorter (two years) training period after passing the entrance examinations in professional disciplines and eliminating differences in academic curricula.

Curriculum for EQL “Bachelor” with the shorter (two years) training period in the area “Law” meant for Junior Specialists

| Numb er | Academic discipline, practice | Language of Training | Semester | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|---|---|-----------------------------|----------|--------|--------------|------|---|
| | | | | Hours | credits | | |
| | | | | | Nation al | ECTS | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and socio-economic training | | | | | | | |
| 1 | Ukrainian Language (professionally directed) | Ukrainian | 1 | 108 | 2 | 3 | Bezpalenko A.M. Tepla O.M. 257-89-08 agrlandeko@yandex.ru |
| 2 | History of Ukraine | Ukrainian | 1 | 108 | 2 | 3 | Kravchenko N.B. 257-81-16 agrlandeko@yandex.ru |
| 3 | History of Ukrainian culture | Ukrainian | 4 | 72 | 1,3 | 2 | Grishchenko I.V. 527-89-08 agrlandeko@yandex.ru |
| 4 | Foreign language | English German French | 1-5 | 180 | 3,3 | 5 | Tenkach. L.A. Zhukova L.A. Oliinyk O.O. 257-81- agrlandeko@yandex.ru 44 |
| 5 | Philosophy | Ukrainian | 3-4 | 108 | 2 | 3 | Bosenko Y.B. Pavlov Y.U. 257-93-31 agrlandeko@yandex.ru |
| 6 | Physical training* | Ukrainian | 1-4 | 270 | 5 | 7,5 | Makarevich V.Y. Berda G.Y. 257-89-64 agrlandeko@yandex.ru |
| Total for the cycle of humanitarian and socio-economic training | | | | 576 | 10,6 | 16,0 | |
| Cycle of professional and practical training | | | | | | | |
| The 1 st subcycle of professional and practical training | | | | | | | |
| 1 | Theory of law and state | Ukrainian | 1 | 54 | 1 | 1,5 | Kachur V.O. 257-33-10 kaf.krr@gmail.com |
| 2 | Theory of law and state of Ukraine | Ukrainian | 1 | 108 | 2 | 3 | Chehovich A.V. 257-33-10 agrlandeko@yandex.ru |
| 3 | Theory of law and state of foreign countries | Ukrainian | 1 | 108 | 2 | 3 | Zarits'ka I.M. 257-33-10 kaf.krr@gmail.com |

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|---|--------------------------------------|-----------|---------|-------------|-------------|-------------|--|
| 4 | International public law | Ukrainian | 3 | 90 | 1,6 | 2,5 | Kurilo V.I. 259-97-25 kaf.krr@gmail.com |
| 5 | State law of foreign countries | Ukrainian | 5 | 108 | 2 | 3 | |
| 6 | Constitutional law | Ukrainian | 2 | 36 | 0,6 | 1 | Maidannik O.O. 257-33-10 kaf.krr@gmail.com |
| 7 | Administrative law | Ukrainian | 2 | 36 | 0,6 | 1 | Grohol's'kii V.I. Kokoiko I.M. 257-33-10 kaf.krr@gmail.com |
| 8 | Civil a and family law | Ukrainian | 2,3,5,6 | 162 | 3 | 4,5 | Yermolenko V.M. 257-33-10 kaf.krr@gmail.com |
| 9 | Criminal law | Ukrainian | 2,5 | 90 | 1,6 | 2,5 | Koval'ova S.S. 257-33-10 kaf.krr@gmail.com |
| 10 | Ecological law | Ukrainian | 3,6 | 18 | 0,3 | 0,5 | Shumak I.O. 257-33-10 kaf.krr@gmail.com |
| 11 | Criminal process | Ukrainian | 3,5 | 90 | 1,6 | 2,5 | Dolgoplov A.M. 257-33-10 kaf.krr@gmail.com |
| 12 | Civil process | Ukrainian | 4,6,7 | 54 | 1 | 1,5 | Nazarenko V.I. 257-33-10 agrlandeko@yandex.ru |
| 13 | Criminalistics | Ukrainian | 3,4,7,8 | 216 | 4 | 6 | Kushnir G.A. 257-33-10 kaf.krr@gmail.com |
| 14 | History of works about state and law | Ukrainian | 3 | 90 | 1,6 | 2,5 | Duda Kh.I. 257-33-10 kaf.krr@gmail.com |
| Total for the 1st cycle of professional and practical training | | | | 1422 | 21,9 | 35,0 | |
| The 2nd subcycle of professional and practical training | | | | | | | |
| 1 | Working practice | Ukrainian | 2 | 72 | 1,3 | 2 | Yermolenko V.M. 257-33-10 agrlandeko@yandex.ru |
| 2 | Working pre-diploma practice | Ukrainian | 4 | 36 | 0,7 | 1 | Yermolenko V.M. 257-33-10 agrlandeko@yandex.ru Kachur V.O. 257-33-10 kaf.krr@gmail.com Kurilo V.I. 257-33-10 |
| 3 | Diploma project | Ukrainian | 8 | 72 | 1,3 | 2 | |
| Total for the 2nd subcycle of professional and practical training | | | | 180 | 3,3 | 5 | |
| Total with the cycle of professional and practical training | | | | 1602 | 25,2 | 40,0 | |
| Total with the compulsory component | | | | 2178 | 36,1 | 75,0 | |
| Optional component for 8.060101 – “Law” | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| 1 | Land law | Ukrainian | 2,3,6,7 | 198 | 3,6 | 5,5 | Petliuk Y.S. 257-33-10 kaf.krr@gmail.com |
| 2 | Agrarian law | Ukrainian | 3,4,7,8 | 108 | 2 | 3 | Gaphurova O.V. 257-33-10 kaf.krr@gmail.com |

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|---|---|-----------|---------|-------------|-------------|-------------|--|
| 3 | Fundamentals of Roman law | Ukrainian | 1 | 90 | 1,6 | 3,5 | Nazarenko V.I. 257-33-10 kaf.krr@gmail.com |
| 4 | Latin language | Ukrainian | 1 | 90 | 1,6 | 3,5 | Grishchenko S.P. 527-87-26 agrlandeko@yandex.ru |
| 5 | Economic law | Ukrainian | 2,3,5,6 | 144 | 2,6 | 4 | Pan'kova L.O. 257-33-10 kaf.krr@gmail.com |
| 6 | Juridical base for investment activity | Ukrainian | 4,8 | 54 | 1 | 1,5 | Gorislavs'ka I.V. 257-33-10 kaf.krr@gmail.com |
| 7 | Economic process | Ukrainian | 4,6,7 | 54 | 1 | 1,5 | Nazarenko V.I. 257-33-10 kaf.krr@gmail.com |
| 8 | Banking law | Ukrainian | 4,8 | 72 | 1,3 | 2 | Artemanko O.V. 257-33-10 kaf.krr@gmail.com |
| 9 | Prosecutor's supervision | Ukrainian | 4,7 | 144 | 2,6 | 4 | Mel'nik O.M. 257-33-10 kaf.krr@gmail.com |
| 10 | Intellectual property law | Ukrainian | 3,6 | 72 | 1,3 | 2 | Makogon V.O. 257-33-10 kaf.krr@gmail.com |
| 11 | Corporate law | Ukrainian | 4,8 | 72 | 1,3 | 2 | Mel'nik V.O. 257-33-10 kaf.krr@gmail.com |
| 12 | Fundamentals of scientific and legal investigations | Ukrainian | 2 | 72 | 1,3 | 2 | Kachur V.O. 257-33-10 kaf.krr@gmail.com |
| 13 | Organization of agrobusiness and entrepreneurship | Ukrainian | 4,6 | 90 | 1,6 | 3,5 | Rad'ko V.I. 257-33-10 kaf.krr@gmail.com |
| 14 | Accounting and auditing | Ukrainian | 2 | 90 | 1,6 | 3,5 | Gubenko T.O. 527-83-61 agrlandeko@yandex.ru |
| 15 | Management fundamentals | Ukrainian | 1 | 90 | 1,6 | 3,5 | Ogopenko N.A. 527-85-66 agrlandeko@yandex.ru |
| 16 | Comparative jurisprudence | Ukrainian | 4,8 | 90 | 1,6 | 3,5 | Kachur V.O. 257-33-10 kaf.krr@gmail.com |
| Total for the disciplines of the University's choice | | | | 1530 | 27,6 | 60,5 | |
| Disciplines chosen by students | | | | | | | |
| 1 | International private law | Ukrainian | 4,6 | 72 | 1,3 | 2 | Kurylo V.I. Selezn'ov M.V. 257-33-10 kaf.krr@gmail.com |
| 2 | Computer systems | Ukrainian | 1,2 | 162 | 3 | 4,5 | Nazarenko N.M. 257-33-10 kaf.krr@gmail.com |
| 3 | Criminology | Ukrainian | 4,8 | 90 | 1,6 | 2,5 | Koval'ova S.S. Yara O.C. 257-33-10 kaf.krr@gmail.com |
| 4 | Juridical psychology | Ukrainian | 3,5 | 72 | 1,3 | 2 | Mel'nik O.M. Kushnir G.A. 257-33-10 kaf.krr@gmail.com |
| 5 | History of political and juridical thought | Ukrainian | 3 | 90 | 1,6 | 2,5 | Prosavits'ka L.S. Kachur V.O. |

| | | | | | | | |
|--|------------------------|-----------|-----|-------------|-------------|-------------|--|
| | | | | | | | 257-33-10 kaf.krr@gmail.com |
| 6 | Habitation law | Ukrainian | 4,8 | 72 | 1,3 | 2 | Gaphurova O.V. 257-33-10 kaf.krr@gmail.com |
| 7 | Court accounting | Ukrainian | 8 | 72 | 1,3 | 2 | |
| 8 | Administrative process | Ukrainian | 3,7 | 108 | 2 | 3 | Artemenko O.V. Shamrai V.O 257-33-10 kaf.krr@gmail.com |
| 9 | Ukrainian studies | Ukrainian | 2 | 72 | 1,3 | 2 | Bezpalenko A.M. 257-81-16 agrlandeko@yandex.ru |
| Total for the disciplines of the students' choice | | | | 810 | 14,7 | 22,5 | |
| Total with the optional component | | | | 2340 | 42,3 | 83 | |
| Total with the area of training | | | | 4518 | 78,4 | 158 | |

2.9. EDUCATION-SCIENTIFIC INSTITUTE OF BUSINESS

The Institute director is Doctor of Economic Sciences, Professor **Anatoliy Dibrova**

Tel. (044) 527-85-40 E-mail: @nauu.kiev.ua

Location: educational building № 10, room 301.

The ESI of Business includes:

The Faculty of Economics

The Dean is PHd of Economics, Associate Professor **Kaminska Tetyana**

Tel. (044) 527-80-06 E-mail: shamil@nauu.kiev.ua

Place: educational building № 10, room 313.

The Faculty conducts training for EQL “Bachelor” in the areas:

6.030504 – “Economics of Enterprise”

6.030508 – “Finance and Credit”

6.030509 – “Accounting and Auditing”

Graduates’ qualification: Bachelor in Economics of Enterprise, Bachelor in Finances and Credits; Bachelor in Accounting and Auditing.

Graduates’ academic rights – can continue their study for the Master’s degree majoring in a relevant area from the curricula of undergraduate programs, beginning with the second year of study.

8.050104 “Finance”

8.050106 “Accounting and Auditing”

8.050107 “Economics of Enterprise”

8.050114 “Taxation”

or with specialities of the study area “Specific categories”:

8.000001 – “Quality, Standardization and Certification”

8.000005 – “Pedagogics of Higher School”

8.000007 – “Administrative Management”

The Faculty of Agrarian Management

The Dean is PhD in Economic Sciences, Associate Professor **Igor Ohrimenko**

Tel. (044) 527-85-73 E-mail: ____@nauu.kiev.ua

Location: educational building № 10, room 108.

The Faculty conducts training for EQL “Bachelor” in the areas:

6.030601 – “Management”

6.030507 – “Marketing”

6.030502 – “Economic Cybernetics”

Qualification of graduates: Bachelor of Management, Bachelor of Marketing, Bachelor of Economic Cybernetics.

Graduates’ academic rights – can continue their study for the Master’s degree majoring in a relevant area from the curricula of undergraduate programs, beginning with the second year of study.

8.050206 “Management of Foreign Economic Activity”

8.050201 “Management of Organizations”

8.050107 “Marketing”

8.050102 “Economic Cybernetics”

or with specialities of the study area “Specific categories”:

8.000001 – “Quality, Standardization and Certification”

8.000005 – “Pedagogics of Higher School”

8.000007 – “Administrative Management”

Bases of students’ practical studies:

SD of NULES of Ukraine “Velyka Snitynka TRF named after O.V. Muzychenko; SD of NULES “Agronomic experimental station”; SD of NULES of Ukraine: experimental farm “Vorzel”; PAE “Peremoha” (Tomasiv district, Vinnytsia region); PAE “Vostok-Zapad” (Emilchyn district, Zhytomyr region); VSK “Kolos” (Kirovohrad region); PAE “Brovarky” (Hlobyn district, Poltava region); PAE “Khliborob” (Zdolbuniv district, Rivne region); The Insstitute of vegetable and southern melon farming of UAAS (Hohol Prystan’, Kherson region); “Inter Agro Image” Ltd (Zhashkiv district, Cherkasy region); SVK “Khoteshivske” (Kamin’-Kashyrskiy district, Volyn region); “Svitanok” Ltd (Olevskiy district, Zhytomyr region); “Nyva” Ltd (Zolonosha district Cherkasy region); SVK “Nuynivskiy” (Kamin’-Kashyrskiy district, Volyn region); Agrofirma “Halychyna” Ltd (Husiatyn district, Ternopil region); PE “Khlobozavod Povkh” (Shumskiy district, Ternopil region); Association of farms “Svitanok” (V.-Oleksandrivka district, Kherson region); Enterprises of Kyiv region: “Agro-property” Ltd (Tarascha district); OJSC “Obukhivske” (Obukhiv district); “Starynska poultry factory” (Boryspil district); “Ascon-2007” Ltd (Fastiv district); Agrofirma “Ivankiv” Ltd (Boryspil district); PAE “Kolos” (Borodianka district); Administration of agroindustrial development of Baryshivka district; PE “Sosnova” (Pereyaslav-Khmelnitskiy district); State PRP “Maslivskiy state agrarian technical school” (Myronivka district); CJSC “Bohuslavsky maslozavod” (Bohuslav); PE “Elite” (Tetiiv); SD of NULES “Boyarka Forestry experimental station” ; Ukrainian laboratory of quality and safety of AIC products”; Ministry of agrarian policy of Ukraine; Ministry of Economy of Ukraine; Institute of agrarian markets development; National research center “Institute of farming of Ukraine”; Ukragroleasing; OJSC “Halakton”; agrofirma

“Svitanok”; CJSC “Myronivskyi khliboproduct”; Corporatipon “Agro-Soyuz”; Poultry factory “Margus” Ltd; GEEEN CROSS UKRAINE; ESC “IMEC”; Industrial enterprise “EPC-Lembke”; firm “Niedera”; SD of NULES of Ukraine “Agronomy experimental station”; Education-experimental breeding poultry factory named after Frunze of NULES of Ukraine; Company “Agro Inter” Ltd; stock exchanges of Ukraine (CJSC “Ukrainian interbank exchange”; “Ukrainian stock exchange”; Prydniprovsk stock exchange); insurance companies of Ukraine (OJSC “Insurance company “Universalna”; National insurance corporation “Oranta”); banking institutions of Ukraine “CJSC “Private Bank”; SC “Pravex-Bank”; Commercial bank “Delta” Ltd; “Raiffaisen Bank Aval”; Commercial bank “Nadra”).

Area of training 6.030504 - “Economics of Enterprise”

Training specialists is conducted in

- **Basic institution of the University (Kyiv);**
- **SA of NULES of Ukraine “The Crimean Agrotechnological University”;**
- **Berezhany Agrotechnical Institute of NULES of Ukraine;**
- **Zalischiky Agrarian College after Y. Khraplyvyi of NULES of Ukraine;**
- **Bobrovitsia College of Economics and Management after O. Mainova of NULES of Ukraine;**
- **The Crimean Agro-industrial College of NULES of Ukraine**

The structure of curriculum of training for EQL “Bachelor” in the area “Economics of Enterprise”

The Curriculum is concluded on the basis of educational and vocational training programs EQL “Bachelor” for “Economics of Enterprise”

The compulsory component of the curriculum consists of 3 training cycles: the humanitarian, natural-scientific and general economic, professional, totaling 5220 hours, 96.7 national credits and 145 ECTS credits.

The optional component of the curriculum consists of 3 training cycles: Disciplines chosen by the University and by students from the humanitarian, natural-scientific and general economic, professional disciplines, totaling 3420 hours, 63.3 national credits and 95 ECTS credits.

The total time by the curriculum makes up 8640 hours, 160 national credits, 240 ECTS credits.

The curriculum includes:

- writing 5 course projects (works) in: “Political Economy”, “Microeconomics”, “Statistics”, “Economy of Agriculture”; “Economic Analysis”; “Organization and Planning of Production in Agrarian Structures”;
- 9 practical trainings: academic and production.

Training period is 4 years.

State certification comprises a state examination, writing and defending a Bachelor’s paper.

Curriculum for EQL “Bachelor” in the area “Economics of Enterprise”

| Number | Academic discipline, practice | Language of Training | Semester | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|--|--|---------------------------|----------|--------|----------|------|--|
| | | | | Hours | Credits | | |
| | | | | | National | ECTS | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian training | | | | | | | |
| 1 | Ukrainian (for professional area) | Ukrainian | 2 | 108 | 2 | 3 | Bykova H.P. (044) 527-83-63 philol_centre@twin.nauu.kiev.ua |
| 2 | History of Ukraine | Ukrainian | 1 | 108 | 2 | 3 | Khvst V.O. (044) 527-81-16 |
| 3 | History of Ukrainian culture | Ukrainian | 3 | 72 | 1,3 | 2 | Pantaliyenko V.V. (044) 527-89-08 kafkult3nubip@ukr.net |
| 4 | Foreign language | English, German French | 1,2 | 180 | 3,3 | 5 | Klymenko L.S. (044) 527-81-44 |
| 5 | Philosophy | Ukrainian | 3 | 108 | 2 | 3 | Horbatiuk T.V. (044) 527-81-50 philosopher@twin.nauu.kiev.ua |
| 6 | Physical training* | Ukrainian | 1-6 | 216 | 4 | 6 | Krupko N.V. (044) 527-84-17 |
| Total for the cycle of humanitarian training | | | | 576 | 10,6 | 16 | |
| Cycle of natural-scientific and general economic training | | | | | | | |
| The 1 nd subcycle of natural-scientific and general economic training | | | | | | | |
| 1 | Political economy | Ukrainian | 1,2 | 180 | 3,3 | 5 | Hoi chuk O.I. (044) 527-82-35 ekteor_chair@twin.nauu.kiev.ua |
| 2 | Microeconomics | Ukrainian | 3 | 180 | 3,3 | 5 | Ozhelevska T.S. (044) 527-82-35 ekteor_chair@twin.nauu.kiev.ua |
| 3 | Macroeconomics | Ukrainian | 3 | 180 | 3,3 | 5 | Talavyria M.P. (044) 527-82-35 ekteor_chair@twin.nauu.kiev.ua |
| 4 | History of economics and the economic thought | Ukrainian | 1 | 180 | 3,3 | 5 | Bolharova N.K. (044) 527-82-35 ekteor_chair@twin.nauu.kiev.ua |
| 5 | Mathematics for economists | Ukrainian | 1,2 | 252 | 4,7 | 7 | Ivanova Y.I. (044) 527-82-29 |
| 6 | Mathematics for economists (Theory of probability and mathematic statistics) | Ukrainian | 3 | 108 | 2 | 3 | Skrypnyk A.V. (044) 527-85-67 ciber_chair@twin.nauu.kiev.ua |
| 7 | Economic informatics | Ukrainian | 1,2,3,4 | 216 | 4 | 6 | Popov O.Y. (044) 527-86-07 shvydenko@nauu.kiev.ua |
| 8 | Statistics | Ukrainian | 3,4 | 180 | 3,3 | 5 | Stepanenko M.V. (044) 527-82-36 statistics_chair@twin.nauu.kiev.ua |
| 9 | Economics of Enterprise | Ukrainian | 5 | 252 | 4,7 | 7 | Zbarskyi V.K. (044) 527-85-75 |

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|---|---|-----------|---|-------------|--------------|------------|---|
| 1 | Potential and development of enterprise | Ukrainian | 6 | 180 | 3,3 | 5 | Marshall M.S. (044) 527-85-70 organizing_chair@twin.nauu.kiev.ua |
| 2 | Strategy of enterprise | Ukrainian | 8 | 180 | 3,3 | 5 | Stepasyuk O.S. (044) 527-85-66 |
| 3 | Planning and control in the enterprise | Ukrainian | 8 | 144 | 2,7 | 4 | Konoval I.A. (044) 527-85-70 organizing_chair@twin.nauu.kiev.ua |
| 4 | Production organization | Ukrainian | 7 | 180 | 3,3 | 5 | Konoval I.A. (044) 527-85-70 organizing_chair@twin.nauu.kiev.ua |
| 5 | Economics and innovation | Ukrainian | 7 | 180 | 3,3 | 5 | Vitvits'ka O.D. (044) 527-86-58 |
| 6 | Project Analysis | Ukrainian | 8 | 180 | 3,3 | 5 | Mykyssei (044) 527-82-36 statistics_chair@twin.nauu.kiev.ua |
| 7 | Study of economic decisions and risk assessment | Ukrainian | 6 | 180 | 3,3 | 5 | Lysenko K.V. (044) 527-86-58 |
| 8 | Life Safety | Ukrainian | 3 | 144 | 2,7 | 4 | Bilko T.O., (044) 527-82-99 toma70@bigmir.net ; Kudryavtseva A.M.(044) 527-87-65 agroeco_chair@twin.nauu.kiev.ua |
| Total for the 1st subcycle of professional and practical training | | | | 1224 | 22,6 | 34 | |
| The 2nd subcycle of professional and practical training | | | | | | | |
| 1 | Production practice of Agricultural Economics | Ukrainian | 6 | 144 | 2,7 | 4 | Rusnak P.P. (044) 527-85-75 90999nag@gmail.com |
| Total for the 2nd subcycle of professional and practical training | | | | 144 | 2,7 | 4 | |
| Total with the cycle of professional and practical training | | | | 1368 | 25,3 | 38 | |
| Total with the compulsory component | | | | 5544 | 102,7 | 154 | |
| Optional Component for 8.050107 – “Economics of Enterprise” | | | | | | | |
| Cycle of humanitarian training | | | | | | | |
| 1 | Cultural Science | Ukrainian | 1 | 108 | 2,0 | 3 | Pantilenko V.V. (044) 527-89-08 kafkult3nubip@ukr.net |
| 2 | Sociology | Ukrainian | 4 | 108 | 2,0 | 3 | Boyko I.I. (044) 527-81-71 |
| 3 | Jurisprudence | Ukrainian | 4 | 108 | 2,0 | 3 | Morozovska T.V. (044) 257-33-10 history_chair@twin.nauu.kiev.ua |
| 4 | Political Science | Ukrainian | 6 | 108 | 2,0 | 3 | Bayrak I.R. (044) 527-81-71 |
| 5 | Psychology and Pedagogics | Ukrainian | 5 | 72 | 1,3 | 2 | Kostyuk D.A. (044) 257-22-10 psychology_chair@twin.nauu.kiev.ua |
| 6 | University education | Ukrainian | 1 | 36 | 0,7 | 1 | Kovalenko O.L. (044) 527-86-48 |
| 7 | Religion | Ukrainian | 2 | 72 | 1,3 | 2 | Karpynskyi I.J. (044) 527-81-50 philosopher@twin.nauu.kiev.ua |

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|--|--|-----------|-----|-------------|-------------|-----------|--|
| 8 | Sociology of work | Ukrainian | 5 | 72 | 1,3 | 2 | Tereshchenko V.K. (044) 527-82-69 403-7@ukr.net |
| 9 | Household-family culture | Ukrainian | 5,6 | 36 | 0,7 | 1 | .Mysiura T.M. (044) 527-89-08 kafkult3nubip@ukr.net |
| Total for the cycle of humanitarian training | | | | 720 | 13,3 | 20 | |
| Cycle of natural-scientific and general economic training | | | | | | | |
| The 1st subcycle of natural-scientific and general economic training | | | | | | | |
| 1 | Crop production technology | Ukrainian | 2 | 108 | 2,0 | 3 | Shevchuk O.Y. (044) 527-86-26 |
| 2 | Technology of livestock production | Ukrainian | 2 | 180 | 3,3 | 5 | Panasenko Yu.O. (044) 527-85-55 |
| 3 | Agriculture with the basics of soil science and Agrochemistry | Ukrainian | 1 | 108 | 2,0 | 3 | Tarasenko O.O. (044) 527-81-18 valentina_R@bigmir.net |
| 4 | Technology of processing, storage and standardization of agricultural products | Ukrainian | 4 | 108 | 2,0 | 3 | Voytsehevskiy V.I. (044) 527-86-76 save_tech_chair@nauu.kiev.ua |
| 5 | Economics of Agriculture | Ukrainian | 6 | 180 | 3,3 | 5 | Zbarskyi V.K. (044) 527-85-75 90999nag@gmail.com |
| 6 | Stock Market Exchange | Ukrainian | 8 | 108 | 2,0 | 3 | Ohrimenko I.V. (044) 527-81-31 vandeburse@nauu.kiev.ua |
| 7 | Databases and DBMS | Ukrainian | 5 | 108 | 2,0 | 3 | Sadko M.H. (044) 527-86-07 mcree@nauu.kiev.ua |
| 14 | Tax system | Ukrainian | 5 | 108 | 2,0 | 3 | Labenko O.M. (044) 527-87-59 tax_chair@twin.nauu.kiev.ua |
| 15 | Ecology and economy of environmental management | Ukrainian | 4 | 72 | 1,3 | 2 | Rohach S.M. (044) 527-85-75 |
| 16 | Economics of world agriculture | Ukrainian | 6 | 108 | 2,0 | 3 | Berehovyi V.K. (044) 527-86-51 ekovtoun@nauu.kiev.ua |
| 17 | Principles of stock exchange activity | Ukrainian | 7 | 108 | 2,0 | 3 | Solodkyi M.O. (044) 527-81-31 vandeburse@nauu.kiev.ua |
| 18 | Organization of agribusiness | Ukrainian | 8 | 108 | 2,0 | 3 | Azizov O.P. (044) 527-85-70 organizing_chair@twin.nauu.kiev.ua |
| 19 | Production management | Ukrainian | 8 | 108 | 2,0 | 3 | Nikitchenko S.O. (044) 527-85-70 organizing_chair@twin.nauu.kiev.ua |
| 20 | Agricultural consulting principles | Ukrainian | 8 | 108 | 2,0 | 3 | Bezkravnyi M.F. (044) 527-80-61 agroconsalt_chair@twin.nauu.kiev.ua |
| 21 | Economic-mathematical modeling | Ukrainian | 5 | 108 | 2,0 | 3 | Zhadlun Z.O. (044) 527-85-67 ciber_chair@twin.nauu.kiev.ua |
| 22 | Regional Economics | Ukrainian | 6 | 108 | 2,0 | 3 | Bilynska M.M. (044) 527-86-48 |
| Total for the 1st subcycle of natural-scientific and general economic training | | | | 1728 | 32 | 48 | |
| The 2nd subcycle of natural-scientific and general economic training | | | | | | | |

| | | | | | | | |
|--|--|-----------|---|-------------|-------------|------------|---|
| 1 | Educational practice on crop production technology | Ukrainian | 2 | 36 | 0,7 | 1 | Bachynskyi O.V. (044) 527-86-26 |
| 2 | Educational practice on livestock production | Ukrainian | 2 | 18 | 0,3 | 0,5 | Panasenko Yu.O. (044) 527-82-32 |
| 3 | Educational practice on agriculture with the basics of soil science and Agrochemistry | Ukrainian | 2 | 18 | 0,3 | 0,5 | Tarasenko O.O. . (044) 527-81-18 |
| 4 | Educational practice on technology of processing, storage and standardization of agricultural products | Ukrainian | 4 | 18 | 0,3 | 0,5 | Voytsevivskyi V.I . (044) 527-86-76 save_tech_chair@nauu.kiev.ua |
| 5 | Educational practice on the principles of stock exchange activity | Ukrainian | 8 | 18 | 0,3 | 0,5 | Hnylyak V.O. (044) 527-81-31 vandeburse@nauu.kiev.ua |
| 6 | Educational practice on database and DBMS | Ukrainian | 6 | 72 | 1,4 | 2 | Sadko M.H.. (044) 527-86-07 mcrec@nauu.kiev.ua |
| Total for the 1st subcycle of natural-scientific and general economic training | | | | 108 | 2 | 3 | |
| Total with the of natural-scientific and general economic training | | | | 1836 | 34 | 51 | |
| Cycle of professional and practical training | | | | | | | |
| 1 | Agricultural Management | Ukrainian | 8 | 108 | 2,0 | 3 | Hudzynskyi O.D. (044) 527-85-66 |
| 2 | State Management | Ukrainian | 7 | 108 | 2,0 | 3 | Dibrova A.D. (044) 527-86-48 |
| 3 | Socio-economic rural development | Ukrainian | 8 | 108 | 2,0 | 3 | Tereshchenko V.K. (044) 527-82-69 403-7@ukr.net |
| 4 | The internal mechanism of economic enterprise | Ukrainian | 5 | 108 | 2,0 | 3 | Andrusovych I.I. (044) 527-85-70 organizing_chair@twin.nauu.kiev.ua |
| 5 | Information systems and technology in the enterprise | Ukrainian | 6 | 108 | 2,0 | 3 | Sadko M.H. (044) 527-86-07 shvydenko@nauu.kiev.ua |
| Total for the cycle of professional and practical training | | | | 540 | 10 | 15 | |
| Total with the optional component | | | | 3096 | 57,3 | 86 | |
| Total with the area of training | | | | 8640 | 160 | 240 | |

* Physical Training is included into the weekly classroom load (30 hours), but it is not an academic credit discipline.

Tentative topics for Bachelor's projects

1. Economic efficiency of grain production and ways of its improvement.
2. Work productivity in agriculture and ways of its improvement.
3. Organization and prospects of development of plant growing.
4. Economic efficiency of milk production and ways of its improvement.
5. Prime cost of agricultural production and ways of its reduction.
6. Economic efficiency of growing potatoes in suburban zone.
7. Productive funds and ways of rising economic efficiency of their use.
8. Work productivity in agriculture and ways of its improvement.
9. Analysis and prognosis of production of grain crops.
10. Analytical substantiation and prospects of development of change of animal husbandry production.
11. Cost analysis and substantiation of reduction of prime cost of milk.
12. Prime cost of agricultural production.
13. Analytical substantiation and prospects of production of technical crops.
14. Organization and prospects of effective production of sunflower seeds.
15. Potential of agrarian enterprise and substantiation of its development strategy.
16. Business-planning of development of livestock branch.
17. Organization and rising the effectiveness of plant growing production at certain enterprise.
18. Business-planning of the development of agricultural enterprise.
19. Improvement of remuneration of labor for growing grain crops.
20. Innovative technologies in livestock production.
21. Ways of improvement of efficiency of commodity exchanges.
22. The commodity exchange of agricultural products and its role in forming goods exchange market.
23. Characteristics of activity of international currency exchange FOREX.
24. The commodity exchange of agricultural products and its role in forming goods exchange market.

Training EQL “Bachelor” with the shorter training period meant for Junior Specialists

Graduates who have received EQL “Junior Specialist” for the area **5.050107 - “Economics of Enterprise”** with the specialization:

6.030504 – “Economics of Enterprise”

are admitted to training for EQL “Bachelor” with the shorter (two years) training period after passing the entrance examinations in professional disciplines and eliminating differences in academic curricula.

Curriculum for EQL “Bachelor” with the shorter (two years) training period in the area “Economics of Enterprise” meant for Junior Specialists

| Num ber | Academic discipline, practice | Language of Training | Semester | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|---|--|-------------------------|----------|--------|--------------|----------|---|
| | | | | Hours | Credits | | |
| | | | | | Nation al | ECT S | |
| Compulsory Component | | | | | | | |
| Cycle of natural-scientific and general economic training | | | | | | | |
| 1 | Mathematics for economists | Ukrainian | 1 | 108 | 2 | 3 | Ivanova Ju.I. (044) 527-82-29 |
| 2 | Economy of Enterprise | Ukrainian | 1 | 144 | 2,7 | 4 | Rusnak P.P. (044) 527-85-75 <u>90999nag@gmail.com</u> |
| 3 | Microeconomics | Ukrainian | 1 | 108 | 2 | 3 | Ozhelevska T.S. (044) 527-82-35 <u>ekteor_chair@twin.nauu.kiev.ua</u> |
| 4 | Marketing | Ukrainian | 3 | 108 | 2 | 3 | Shevchyk M.H. (044) 527-80-04 <u>market_chair@twin.nauu.kiev.ua</u> |
| 5 | Finance | Ukrainian | 1 | 108 | 2 | 3 | Danylevska-Zhyhuniso va O.Ye (044) 527-88-90 <u>martynenko@nauu.kiev.ua</u> |
| 6 | Macroeconomics | Ukrainian | 3 | 108 | 2 | 3 | Talavyria M.P. (044) 527-82-35 <u>ekteor_chair@twin.nauu.kiev.ua</u> |
| 7 | Labor economics and labor relations | Ukrainian | 2.3 | 180 | 3,3 | 5 | Baraban S.S. (044) 527-82-69 <u>403-7@ukr.net</u> |
| 8 | International Economics | Ukrainian | 3 | 108 | 2 | 3 | Dibrova L.V. (044) 527-86-51 <u>ekovtoun@nauu.kiev.ua</u> |
| 9 | National Economics | Ukrainian | 4 | 108 | 2 | 3 | Dibrova A.D.. (044) 527-86-48 |
| 10 | Finance of enterprises | Ukrainian | 2 | 108 | 2 | 3 | Korytnyi O.D. (044) 527-88-90 <u>martynenko@nauu.kiev.ua</u> |
| 11 | Economic Analysis | Ukrainian | 2.3 | 108 | 2 | 3 | Mykytsay T.D. (044) 527-82-36 <u>statistics_chair@twin.nauu.kiev.ua</u> |

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|--|--|-----------|---|-------------|-------------|-----------|---|
| 12 | Insurance | Ukrainian | 2 | 108 | 2 | 3 | Tarasyuk S.H. (044) 527-87-59 tax_chair@twin.nauu.kiev.ua |
| 13 | Investment | Ukrainian | 2 | 108 | 2 | 3 | Tytarchuk I. M. (044) 527-88-90 martynenko@nauu.kiev.ua |
| 14 | Audit | Ukrainian | 4 | 72 | 1,3 | 2 | Oliinyk S.O. (044) 527-83-61 book-keep_chair@twin.nauu.kiev.ua |
| 15 | Economic Law | Ukrainian | 4 | 72 | 1,3 | 2 | Kravchuk T.V. (044) 257-33-10 history_chair@twin.nauu.kiev.ua |
| 16 | Econometrics | Ukrainian | 1 | 108 | 2 | 3 | Symonenko O.O. (044) 527-82-36 statistics_chair@twin.nauu.kiev.ua |
| Total for the cycle of natural-scientific and general economic training | | | | 1764 | 32.5 | 49 | |
| Cycle of professional training | | | | | | | |
| The 1st subcycle of professional training | | | | | | | |
| 1 | Potential and development of enterprise | Ukrainian | 2 | 180 | 3,3 | 5 | Marshall M.S.. (044) 527-85-70 organizing_chair@twin.nauu.kiev.ua |
| 2 | Strategy of enterprise | Ukrainian | 4 | 180 | 3,3 | 5 | Stepasiuk O.S. (044) 527-85-66 |
| 3 | Planning and control at enterprise | Ukrainian | 4 | 144 | 2,7 | 4 | Konoval I.A. (044) 527-85-70 organizing_chair@twin.nauu.kiev.ua |
| 4 | Industrial organization | Ukrainian | 3 | 180 | 3,3 | 5 | Konoval I.A. (044) 527-85-70 organizing_chair@twin.nauu.kiev.ua |
| 5 | Economics and organization of innovative activity | Ukrainian | 3 | 180 | 3,3 | 5 | Vitvits'ka O.D. (044) 527-86-58 |
| 6 | Project analysis | Ukrainian | 4 | 180 | 3,3 | 5 | Mykytsei T.D. (044) 527-82-36 statistics_chair@twin.nauu.kiev.ua |
| 7 | Justification of business decisions and risks assessment | Ukrainian | 2 | 180 | 3,3 | 5 | Lysenko K.V. (044) 527-86-58 |
| Total for the 1st subcycle of professional training | | | | 1080 | 19,9 | 30 | |
| The 2nd subcycle of professional training | | | | | | | |
| 1 | Practical training on the agricultural economics | Ukrainian | 6 | 144 | 2,7 | 4 | Rusnak P.P. (044) 527-85-75 90999nag@gmail.com |
| Total for the 2nd subcycle of professional training | | | | 144 | 2,7 | 4 | |
| Total with the cycle of professional and practical training | | | | 1224 | 22,6 | 34 | |
| Total with the compulsory component | | | | 2988 | 55,3 | 83 | |
| Optional Component for 8.050107 – “Economics of Enterprise” | | | | | | | |
| Cycle of humanitarian training | | | | | | | |
| 1 | Political science | Ukrainian | 2 | 72 | 1,3 | 2 | Byerak I.R. (044) 527-81-71 |
| 2 | Psychology and pedagogy | Ukrainian | 1 | 72 | 1,3 | 2 | Kostiuk D.A. (044) 257-22-10 psychology_chair@twin.nauu.kiev.ua |

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|--|---|-----------|---|------------|------------|-----------|--|
| 3 | Labor sociology | Ukrainian | 1 | 72 | 1,3 | 2 | Tereschenko V.K. (044) 527-82-69 403-7@ukr.net |
| Total for the cycle of humanitarian training | | | | 216 | 4,9 | 6 | |
| Cycle of natural-scientific and general economic training | | | | | | | |
| The 1st subcycle of natural-scientific and general economic training | | | | | | | |
| 1 | Economics of agriculture | Ukrainian | 2 | 72 | 1,4 | 2 | Rusnak P.P. (044) 527-85-75 90999nag@gmail.com |
| 2 | Stock market exchange | Ukrainian | 4 | 72 | 1,4 | 2 | Okhrimenko I.V. (044) 527-81-31 vandeburse@nauu.kiev.ua |
| 3 | Databases and DBMS | Ukrainian | 1 | 72 | 1,4 | 2 | Sadko M.G. (044) 527-86-07 mcree@nauu.kiev.ua |
| 4 | Economics of world agriculture | Ukrainian | 1 | 72 | 1,4 | 2 | Berehovi V.K. (044) 527-86-51 ekovtoun@nauu.kiev.ua |
| 5 | Principles of market exchange | Ukrainian | 3 | 72 | 1,4 | 2 | Solodkyi M.O. (044) 527-81-31 vandeburse@nauu.kiev.ua |
| 6 | Organization of Agribusiness | Ukrainian | 4 | 72 | 1,4 | 2 | Azizov O.P. (044) 527-85-70 organizing_chair@twin.nauu.kiev.ua |
| 7 | Production management | Ukrainian | 4 | 72 | 1,4 | 2 | Nikitchenko S.O. (044) 527-85-70 organizing_chair@twin.nauu.kiev.ua |
| 8 | Principles of agrarian consulting | Ukrainian | 4 | 72 | 1,4 | 2 | Bezkrivnyi M.F. (044) 527-80-61 agroconsalt_chair@twin.nauu.kiev.ua |
| 9 | Economic-mathematical modeling | Ukrainian | 1 | 72 | 1,4 | 2 | Zhadlun Z.O. (044) 527-85-67 ciber_chair@twin.nauu.kiev.ua |
| 10 | Regional economics | Ukrainian | 2 | 72 | 1,4 | 2 | Bilyska M.M. (044) 527-86-48 |
| Total for the 1st subcycle of natural-scientific and general economic training | | | | 648 | 12 | 18 | |
| The 2nd subcycle of natural-scientific and general economic training | | | | | | | |
| 1 | Educational practice on principles of stock exchange activity | Ukrainian | 3 | 18 | 0,3 | 0,5 | Hnyliak V.O. (044) 527-81-31 vandeburse@nauu.kiev.ua |
| 2 | Educational practice on databases and DBMS | Ukrainian | 2 | 72 | 1,4 | 2 | Sadko M.H. (044) 527-86-07 mcree@nauu.kiev.ua |
| Total for the 2nd subcycle of natural-scientific and general economic training | | | | 108 | 2 | 3 | |
| Total with the cycle of natural-scientific and general economic training | | | | 756 | 14 | 21 | |
| Cycle of professional training | | | | | | | |
| 1 | Agrarian management | Ukrainian | 4 | 72 | 1,4 | 2 | Hudzynskyi O.D. (044) 527-85-66 |
| 2 | State administration | Ukrainian | 3 | 72 | 1,4 | 2 | Dibrova A.D. (044) 527-86-48 |
| 3 | Social-economic development of rural areas | Ukrainian | 4 | 72 | 1,4 | 2 | Tereschenko V.K. (044) 527-82-69 403-7@ukr.net |

| | | | | | | | |
|---|--|-----------|---|-------------|-------------|------------|---|
| 4 | Internal economic mechanism of enterprise | Ukrainian | 3 | 72 | 1,4 | 2 | Andrusovych I.I. (044) 527-85-70 organizing_chair@twin.nauu.kiev.ua |
| 5 | Information systems and technologies at enterprise | Ukrainian | 2 | 72 | 1,4 | 2 | Sadko M.H. (044) 527-86-07 shvydenko@nauu.kiev.ua |
| Total for the cycle of professional training | | | | 360 | 7 | 10 | |
| Total with the optional component | | | | 1332 | 24,7 | 37 | |
| Total with the area of training | | | | 4320 | 80 | 120 | |

Area of training 6.030508 – “Finance and credit”

Training specialists is conducted at:

- **Basic university (Kyiv);**
- **SA of NULES of Ukraine “The Crimean Agrotechnological University”;**
- **SD of NULES of Ukraine “Berezhany Agro-Technical Institute”;**
- **SD of NULES of Ukraine “Nizhyn Agro-Technical Institute”.**

The structure of curriculum of training specialists for EQL “Bachelor” in the area “Finance and Credit”

The Curriculum is concluded on the basis of educational and vocational training programs EQL “Bachelor” for “Finance and credit”.

The compulsory component of the curriculum consists of 3 training cycles: the humanitarian, social-economic and general economic, and professional, totaling 5616 hours, 104 of national credits and 156 ECTS credits.

The optional component of the curriculum consists of 3 training cycles: the humanitarian, natural-scientific and general economic, and professional, totaling 2682 hours, 49,5 national credits and 74,5 ECTS credits.

The total time by the curriculum makes up 8298 hours, 153,6 national credits and 230,5 ECTS credits.

The curriculum includes:

- writing 7 course projects (works) in: “Political Economy”; “Money and Credit”; “Statistics”; “Finance”; “Finance of Enterprise and Economics of Agriculture”; “Financial Market and Financial Activity of Business Entities”; “Organization And Planning Of Production In Agrarian Enterprises.
- 9 practical trainings, academic and production.

Training period is 4 years.

State certification comprises a state examination, writing and defending a Bachelor’s paper.

Curriculum for EQL “Bachelor” in the area “Finance and Credit”

| Number | Academic discipline, practice | Language of Training | Semester | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|--|---|-------------------------|----------|--------|----------|------|---|
| | | | | Hours | Credits | | |
| | | | | | National | ECTS | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian training | | | | | | | |
| 1 | Ukrainian (in professional area) | Ukrainian | 2 | 108 | 2 | 3 | Hrytsenko T.B. (044) 527-88-12 philol_centre@twin.nauu.kiev.ua |
| 2 | History of Ukraine | English, Ukrainian | 1 | 108 | 2 | 3 | Kolomiyets S.S. (044) 527-81-16 |
| 3 | History of Ukrainian culture | Ukrainian | 3 | 72 | 1,3 | 2 | Pantaliyenko V.V. (044) 527-89-08 kafkult3nubip@ukr.net |
| 4 | Foreign language | English, German, French | 1,2 | 180 | 3,3 | 5 | Shanayeva L.O. (044) 527-81-44 |
| 5 | Philosophy | Ukrainian | 3 | 108 | 2 | 3 | Heyko S.M. (044) 527-81-50 philosopher@twin.nauu.kiev.ua |
| 6 | Physical training* | Ukrainian | 1-6 | 216 | 4 | 6 | Krupko N.V. (044) 527-84-17 |
| Total for the Cycle of humanitarian training | | | | 576 | 10,6 | 16 | |
| Cycle of natural-scientific and general economic training | | | | | | | |
| The 1st subcycle of natural-scientific and general economic training | | | | | | | |
| 1 | Political economy | Ukrainian | 1,2 | 180 | 3,3 | 5 | Koval O.M. 527-82-35 ekteor_chair@twin.nauu.kiev.ua |
| 2 | Microeconomics | English, Ukrainian | 4 | 180 | 3,3 | 5 | Ozhelevska T.S. (044) 527-82-35 ekteor_chair@twin.nauu.kiev.ua |
| 3 | Macroeconomics | English, Ukrainian | 3 | 180 | 3,3 | 5 | Talavyria M.P. (044) 527-82-35 ekteor_chair@twin.nauu.kiev.ua |
| 4 | History of Economics and economic thought | Ukrainian | 1 | 180 | 3,3 | 5 | Bolharova N.K. (044) 527-82-35 ekteor_chair@twin.nauu.kiev.ua |
| 5 | Mathematics for economists | English, Ukrainian | 1,2,3 | 360 | 6,7 | 10 | Sulima I.M. (044) 527-82-29 |
| 6 | Economic-mathematic modeling | English, Ukrainian | 6 | 180 | 3,3 | 5 | Klymenko N.A. (044) 527-85-67 ciber_chair@twin.nauu.kiev.ua |
| 7 | Economic informatics | Ukrainian | 1,2,3 | 180 | 3,3 | 5 | Morze N.V. (044) 527-86-07 shvydenko@nauu.kiev.ua |
| 8 | Statistics | English, Ukrainian | 3,4 | 180 | 3,3 | 5 | Putiatina L.D. (044) 527-86-32 statistics_chair@twin.nauu.kiev.ua |
| 9 | Economics of enterprise | English, Ukrainian | 5 | 180 | 3,3 | 5 | Chalyi A.A. (044) 527-85-75 |

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|--|---|-----------------------|-----|-------------|-------------|------------|--|
| 10 | Management | English, Ukrainian | 5 | 180 | 3,3 | 5 | Hyedamak N.V. (044) 527-85-66 |
| 11 | Marketing | English, Ukrainian | 6 | 180 | 3,3 | 5 | Rafalska V.A. (044) 527-80-04 market_chair@twin.nauu.kiev.ua |
| 12 | Money and credit | Ukrainian | 3 | 180 | 3,3 | 5 | Avramchuk L.A. (044) 527-88-90 Martynenko@nauu.kiev.ua |
| 13 | Finance | English, Ukrainian | 4,5 | 360 | 6,7 | 10 | Borsch A.H. (044) 527-87-59 |
| 14 | Accounting and audit | English, Ukrainian | 4 | 180 | 3,3 | 5 | Kireytsev H.H. (044) 527-83-61 book-keep_chair@twin.nauu.kiev.ua |
| 15 | Economics of labor and social-labor relations | English, Ukrainian | 5 | 180 | 3,3 | 5 | Kovalenko L.V. 527-82-69 |
| 16 | International economics | Ukrainian | 6 | 180 | 3,3 | 5 | Komarnitska O.P. 527-86-51 ekovtoun@nauu.kiev.ua |
| 17 | Regional economics | Ukrainian | 5 | 180 | 3,3 | 5 | Nakonechna K.V. (044) 527-86-58 inpoagro@gmail.com |
| 18 | National economics | Ukrainian | 6 | 180 | 3,3 | 5 | Dibrova A.D. (044) 527-86-48 |
| Total for the The 1st subcycle of natural-scientific and general economic training | | | | 3600 | 66,7 | 100 | |
| The 2nd subcycle of natural-scientific and general economic training | | | | | | | |
| 1 | Educational practice on economic informatics | Ukrainian | 4 | 36 | 0,7 | 1 | Andriuschenko V.M. (044) 527-86-07 shvydenko@nauu.kiev.ua |
| 2 | Educational practice on statistics | Ukrainian | 4 | 18 | 0,3 | 0,5 | Putiatina L.D. (044) 527-86-32 statistics_chair@twin.nauu.kiev.ua |
| Total for the 2nd subcycle of natural-scientific and general economic training | | | | 54 | 1 | 1,5 | |
| Total with the cycle of natural-scientific and general economic training | | | | 3600 | 66,7 | 100 | |
| Cycle of professional training | | | | | | | |
| The 1st subcycle of professional training | | | | | | | |
| 1 | Budgetary system | English, Ukrainian | 5 | 180 | 3,3 | 5 | Nehoda Y.V. (044) 527-85-50 Martynenko@nauu.kiev.ua |
| 2 | Local finance | English, Ukrainian | 6 | 180 | 3,3 | 5 | Oliinyk L.A. (044) 527-85-50 Martynenko@nauu.kiev.ua |
| 3 | Life safety | Ukrainian | 2,3 | 144 | 2,7 | 4 | Bil'ko T.O., (044) 527-82-99 toma70@bigmir.net ; Yermakova T.O. (044) 527-87-65 agroeco_chair@twin.nauu.kiev.ua |
| 4 | Tax system | Ukrainian | 7,8 | 216 | 4 | 6 | Voskobiinyk Y.S. (044) 527-87-59 tax_chair@twin.nauu.kiev.ua |
| 5 | Insurance services | English, Ukrainian | 8 | 180 | 3,3 | 5 | Tarasiuk S.H. (044) 527-87-59 tax_chair@twin.nauu.kiev.ua |

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|--|---|--------------------|-----|-------------|-------------|------------|--|
| 6 | Financial analysis | Ukrainian | 7 | 180 | 3,3 | 5 | Plastun O.Y. (044) 527-82-36 statistics_chair@twin.nauu.kiev.ua |
| 7 | Social insurance | Ukrainian | 7 | 180 | 3,3 | 5 | Mamchur R.M. (044) 527-87-59 tax_chair@twin.nauu.kiev.ua |
| 8 | Financial activity of business entities | English, Ukrainian | 7 | 180 | 3,3 | 5 | Karasyk O.M. (044) 527-85-50 Martynenko@nauu.kiev.ua |
| Total for the 1st subcycle of professional training | | | | 1440 | 26,7 | 40 | |
| The 2nd subcycle of professional training | | | | | | | |
| 1 | Production practice in finance and economics at agroindustrial enterprise | Ukrainian | 6 | 144 | 2,7 | 4 | Мартиненко В.П. (044) 527-88-91 Martynenko@nauu.kiev.ua , Chalyi A.A. (044) 527-85-75 |
| Total for the cycle of professional training | | | | 1440 | 26,5 | 40 | |
| Total for the Compulsory Component | | | | 5616 | 104 | 156 | |
| Optional component for 8.050104 – “Finance” | | | | | | | |
| Cycle of humanitarian training | | | | | | | |
| 1 | Cultural science | Ukrainian | 1 | 144 | 2,7 | 4 | Pantaliyenko V.V. (044) 527-89-08 kafkult3nubip@ukr.net |
| 2 | Sociology | Ukrainian | 4 | 108 | 2,0 | 3 | Semchynskyi K.V. (044) 527-81-71 |
| 3 | Law | Ukrainian | 5 | 108 | 2,0 | 3 | Morozovska T.V. (044) 257-33-10 history_chair@twin.nauu.kiev.ua |
| 4 | Political science | English, Ukrainian | 4 | 108 | 2,0 | 3 | Byerak I.R. (044) 527-81-71 |
| 5 | Psychology and pedagogy | English, Ukrainian | 5 | 108 | 2,0 | 3 | Stakhnevych V.I. (044) 527-22-10 psychology_chair@twin.nauu.kiev.ua |
| 6 | University education | Ukrainian | 1 | 72 | 1,3 | 2 | Kovalenko O.P. (044) 527-86-48 |
| 7 | Labor sociology | English, Ukrainian | 4 | 36 | 0,7 | 1 | Tereschenko V.K. (044) 527-82-69 |
| 8 | Family and domestic culture | Ukrainian | 1,2 | 72 | 1,3 | 2 | Mysiura T.M. (044) 527-89-08 kafkult3nubip@ukr.net |
| Total for the cycle of humanitarian training | | | | 756 | 14,0 | 21 | |
| Cycle of natural-scientific and general economic training | | | | | | | |
| The 1st subcycle of natural-scientific and general economic training | | | | | | | |
| 1 | Crop production technology | Ukrainian | 2 | 126 | 2,3 | 3,5 | Bachynskyi O.V. (044) 527-86-26 |
| 2 | Technology for livestock production | English, Ukrainian | 2 | 144 | 2,7 | 4 | Hlushak I.I. (044) 527-82-68 |
| 3 | Farming with the principles of soil study and agrochemistry | Ukrainian | 1 | 90 | 1,7 | 2,5 | Rozhko V.M. (044) 527-81-18 valentina_R@bigmir.net |
| 4 | ogy of processing, storage and standardization of agrarian products | English, Ukrainian | 4 | 54 | 1,0 | 1,5 | Hun'ko S.M.. (044) 527-86-76 save_tech_chair@nauu.kiev.ua |
| 5 | Financial accounting | English, Ukrainian | 5 | 90 | 1,7 | 2,5 | Tyvonchuk S.V. (044) 527-83-61 book-keep_chair@twin.nauu.kiev.ua |

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|--|---|---------------------|---|-------------|-------------|-------------|--|
| 6 | Managerial accounting | English, Ukrainian | 6 | 36 | 0,7 | 1 | Tyvonchuk S.V. (044) 527-83-61 <u>book-keep_chair@twin.nauu.kiev.ua</u> |
| 7 | Economic financial risks | Ukrainian | 5 | 36 | 0,7 | 1 | Popova O.L.. (044) 527-85-75 |
| 8 | Economics of agriculture | Ukrainian | 6 | 108 | 2 | 3 | Chalyi A.A. (044) 527-85-75 |
| 9 | Economic analysis | English, Ukrainian | 6 | 54 | 1,0 | 1,5 | Atroschenko S.I. (044) 527-82-36 <u>statistics_chair@twin.nauu.kiev.ua</u> |
| 10 | Finance of enterprises | Ukrainian | 6 | 108 | 2,0 | 3 | Borsch A.H. (044) 527-87-59 <u>tax_chair@twin.nauu.kiev.ua</u> |
| 11 | Databases and DBMS | Ukrainian | 6 | 36 | 0,6 | 1 | Mokriev M.V.. (044) 527-86-07 <u>mcree@nauu.kiev.ua</u> |
| 12 | Price and pricing | Ukrainian | 6 | 36 | 0,6 | 1 | Stasinevych S.A. (044) 527-81-31 <u>vandeburse@nauu.kiev.ua</u> |
| 13 | Economics of nature use | English,, Ukrainian | 4 | 72 | 1,3 | 2 | Ilkiv L.A. (044) 527-85-75 |
| 14 | Economics and organization of agrarian service | Ukrainian | 6 | 36 | 0,6 | 1 | Mosiyuk S.I. (044) 527-80-61 <u>agroconsalt_chair@twin.nauu.kiev.ua</u> |
| 15 | Organization and planning of production in agrarian units | English,Ukrainian | 8 | 108 | 2 | 3 | Rud'ko R.M. (044) 527-85-70 <u>organizing_chair@twin.nauu.kiev.ua</u> |
| 16 | Organization of agribusiness | Ukrainian | 7 | 36 | 0,6 | 1 | Rud'ko V.P. . (044) 527-85-70 <u>organizing_chair@twin.nauu.kiev.ua</u> |
| 17 | Industrial management | Ukrainian | 8 | 54 | 1 | 1,5 | Ibatullin Sh.I.. (044) 527-85-70 <u>organizing_chair@twin.nauu.kiev.ua</u> |
| 18 | Principles of stock exchange activity | English, Ukrainian | 8 | 36 | 0,6 | 1 | Okhrimenko I.V. (044) 527-81-31 <u>vandeburse@nauu.kiev.ua</u> |
| 19 | Audit | Ukrainian | 8 | 54 | 1 | 1,5 | Oliynyk S.O.. (044) 527-82-59 <u>book-keep_chair@twin.nauu.kiev.ua</u> |
| 20 | Investments | English, Ukrainian | 7 | 54 | 1 | 1,5 | Davydenko N.M. (044) 527-85-50 <u>Martynenko@nauu.kiev.ua</u> |
| 21 | Economics of world agriculture | Ukrainian | 7 | 54 | 1 | 1,5 | Berehovyi V.K. 527-86-51 <u>ekovtoun@nauu.kiev.ua</u> |
| Total for the 1st subcycle of natural-scientific and general economic training | | | | 1422 | 26,3 | 39,5 | |
| The 1st subcycle of natural-scientific and general economic training | | | | | | | |
| 1 | Educational practice on technology of products of plant-growing | Ukrainian | 2 | 18 | 0,3 | 0,5 | Bachynskyi O.V. (044) 527-86-26 |

| | | | | | | | |
|--|--|-----------|---|-------------|--------------|--------------|---|
| 2 | Educational practice on mechanization in plant-growing | Ukrainian | 2 | 18 | 0,3 | 0,5 | Smolenskyi S.V. (044) 527-85-37 |
| 3 | Educational practice on technology of livestock | Ukrainian | 2 | 18 | 0,3 | 0,5 | Hlushak I.I. (044) 527-82-68 |
| 4 | Educational practice on farming with principles of soil science | Ukrainian | 2 | 18 | 0,3 | 0,5 | Rozhko V.M. (044) 527-81-18 |
| 5 | Educational practice on technology of processing, storage and standardization of agricultural products | Ukrainian | 4 | 18 | 0,3 | 0,5 | Hun'ko S.M. (044) 527-86-76 save_tech_chair@nauu.kiev.ua |
| 6 | Educational practice on principles of stock exchange | Ukrainian | 8 | 18 | 0,3 | 0,5 | Okhrimenko I.V. (044) 527-89-08 |
| 7 | Educational practice on DBMS | Ukrainian | 6 | 36 | 0,7 | 1 | Mokriyev M.V. (044) 527-85-66 |
| Total for the 2nd subcycle of natural-scientific and general economic training | | | | 144 | 2,6 | 4 | |
| Total with the cycle of natural-scientific and general economic training | | | | 1422 | 26,3 | 39,5 | |
| Cycle of professional training | | | | | | | |
| 1 | Financial market | Ukrainian | 7 | 144 | 2,7 | 4 | Khudolii L.M. (044) 527-85-50 Martynenko@nauu.kiev.ua |
| 2 | Banking operations | Ukrainian | 7 | 72 | 1,3 | 2 | Nikonova M.V. (044) 527-85-50 Martynenko@nauu.kiev.ua |
| 3 | Bank accounting | Ukrainian | 8 | 72 | 1,3 | 2 | Derevyanko S.I. (044) 527-83-61 book-keep_chair@twin.nauu.kiev.ua |
| 4 | Stock market exchange | Ukrainian | 7 | 72 | 1,3 | 2 | Hnyliak V.O. (044) 527-81-31 vandeburse@nauu.kiev.ua |
| 5 | Financial law | Ukrainian | 8 | 72 | 1,3 | 2 | Yara O.S. (044) 257-33-10 |
| 6 | Information systems and technologies in finance | Ukrainian | 7 | 72 | 1,3 | 2 | Lavrov Y.A. (044) 527-86-07 shvydenko@nauu.kiev.ua |
| Total for the cycle of professional training | | | | 504 | 9,2 | 14 | |
| Total with the optional component | | | | 2682 | 49,7 | 74,5 | |
| Total with the area of training | | | | 8298 | 153,6 | 230,5 | |

* Physical Training is included into the weekly classroom load (30 hours), but it is not an academic credit discipline.

Tentative topics for Bachelor's projects

1. Redemption policy of enterprises as an element of internal financing strategy.
2. The capital of enterprise of AIC and sources of its development.
3. Business plan as the component of financial planning of enterprises and organizations of AIC.
4. State financial policy in the field of small enterprise.
5. The sources of formation and areas of using financial resources of agricultural enterprises (organizational form—by choice).
6. Attraction of banking credits for forming of financial resources of an enterprise.
7. Development of leasing while forming basic funds of of AIC enterprises.
8. Forecasting the bankruptcy and readjustment of enterprises.
9. Forming and using profits at an enterprise.
10. Financial planning as a component of financial activity at an enterprise.
11. Forming the system of financial controlling at the enterprise.
12. Forming and effective usage of circulating assets of agrarian enterprises.
13. Analysis of usage of fixed assets at agrarian enterprises.
14. Non-negotiable assets and analysis of their effective usage.
15. Forming of loan capital of commercial banks.
16. Forming and usage of credit portfolio of commercial banks.
17. Credit risks in banking activity.
18. Liquidity of commercial banks under modern conditions.
19. Deposit policy of modern banking organizations.
20. Banking risks under modern conditions.
21. Forming of resources by the commercial banks.
22. Marketing activity of commercial banks.
23. Organization of interbank crediting.
24. Organization of consumer crediting in Ukraine.
25. Long-term banking crediting of enterprises.
26. Improvement of clearance service of agricultural enterprises.
27. Crediting of agricultural enterprises by banking establishments.
28. Management of risks of investment projects at the AIC enterprises.
29. Prospects of development of stock exchange market in Ukraine.
30. Characteristics of functioning of currency market in Ukraine.

Area of training 6.030509 – “Accounting and Auditing”

Training specialists is conducted in:

- **Basic institution of the University (Kyiv);**
- **SA of NULES of Ukraine “The Crimean Agrotechnological University;**
- **SD “Nizhyn Agrotechnical Institute” of NULES of Ukraine;**
- **SD “Zalischiky Agrarian College after Y. Khraplyvyi” of NULES of Ukraine;**
- **SD “Bobrovitsia College of Economics and Management after O. Mainova” of NULES of Ukraine;**
- **SD “Irpın economic college” of NULES of Ukraine.**

The structure of curriculum of training for EQL “Bachelor” in the area “Accounting and Auditing”

The Curriculum is concluded on the basis of educational and vocational training programs EQL “Bachelor” for “Accounting and Auditing”.

The compulsory component of the curriculum consists of 3 training cycles: the humanitarian, natural-scientific and general economic and professional training, totaling 5544 hours, 102,7 national credits and 154 ECTS credits.

The optional component of the curriculum consists of 3 training cycles: the humanitarian, natural-scientific and general economic and professional training, totaling 3096 hours, 57,3 national credits and 86 ECTS credits.

The total time by the curriculum makes up 8640 hours., 160 national credits, and 240 ECTS credits.

The curriculum includes:

- writing 5 course projects (works) in: “Political Economy”; Statistics; “Economics of Agriculture and Economics of Labor and Social-Labor Relations”; “Managerial Accounting and Auditing”; “Organization and Planning of Production in Agrarian Units”.
- 9 practical trainings: academic and production,.

Training period is 4 years.

State certification comprises a state examination, writing and defending a Bachelor’s paper.

Curriculum for EQL “Bachelor” in the area “Accounting and Auditing”

| Numb er | Academic discipline, practice | Language of Training | Semester | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|--|--|-----------------------------|----------|--------|--------------|----------|--|
| | | | | Hours | Credits | | |
| | | | | | Nation al | ECT S | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian training | | | | | | | |
| 1 | Ukrainain (by professional area) | Ukrainian | 2 | 108 | 2 | 3 | Bykova H.P. (044) 527-83-63 philol_centre@twin.nauu.kiev.ua |
| 2 | History of Ukraine | English Ukrainian | 1 | 108 | 2 | 3 | Kolomiyets S.S. (044) 527-81-16 |
| 3 | History of Ukrainian culture | Ukrainian | 3 | 72 | 1,3 | 2 | Pantaliyenko V.V.. (044) 527-89-08 kafkult3nubip@ukr.net |
| 4 | Foreign language | English German France | 1,2 | 180 | 3,3 | 5 | Shanayeva L.O. (044) 527-81-44 |
| 5 | Philosophy | Ukrainian | 3 | 108 | 2 | 3 | Karpinskii I.Y. (044) 527-81-50 philosopher@twin.nauu.kiev.ua |
| 6 | Physical training* | Ukrainian | 1-6 | 216 | 4 | 6 | Krupko N.V. (044) 527-84-17 |
| Total for the cycle of humanitarian training | | | | 576 | 10,6 | 16 | |
| Total for the cycle of natural-scientific and general economic training | | | | | | | |
| The 1 st subcycle of natural-scientific and general economic training | | | | | | | |
| 1 | Political economy | Ukrainian | 1,2 | 180 | 3,3 | 5 | Hoychuk O.I. (044) 527-82-35 ekteor_chair@twin.nauu.kiev.ua |
| 2 | Microeconomics | English Ukrainian | 4 | 180 | 3,3 | 5 | Ozhelevska T.S. (044) 527-82-35 ekteor_chair@twin.nauu.kiev.ua |
| 3 | Macroeconomics | English Ukrainian | 3 | 180 | 3,3 | 5 | Talavyria M.P. (044) 527-82-35 ekteor_chair@twin.nauu.kiev.ua |
| 4 | History of economics and economic thought | Ukrainian | 1 | 180 | 3,3 | 5 | Bolharova N.K. (044) 527-82-35 ekteor_chair@twin.nauu.kiev.ua |
| 5 | Mathematics for economists | English Ukrainian | 1,2,3 | 360 | 6,7 | 10 | Lehesa V.P. (044) 527-82-29 |
| 6 | Economic-mathematical modelling | English Ukrainian | 6 | 180 | 3,3 | 5 | Shulha N.H. (044) 527-85-67 ciber_chair@twin.nauu.kiev.ua |
| 7 | Economic informatics | English Ukrainian | | 180 | 3,3 | 5 | Hlazunova O.H. (044) 527-86-07 shvydenko@nauu.kiev.ua |
| 8 | Statistics | Ukrainian | 1,2,3 | 180 | 3,3 | 5 | Krayevskiy V.M. (044) 527-82-36 statistics_chair@twin.nauu.kiev.ua |
| 9 | Economics of enterprise | English Ukrainian | 5 | 180 | 3,3 | 5 | Matsybora V.I. (044) 527-85-75 90999nag@gmail.com |

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|--|--|----------------------|-----|-------------|-------------|------------|--|
| 10 | Management | English Ukrainian | 7 | 180 | 3,3 | 5 | Prokhorovych V.O. (044) 527-85-66 |
| 11 | Marketing | Ukrainian | 7 | 180 | 3,3 | 5 | Rafalska V.A. (044) 527-80-04 market_chair@twin.nauu.kiev.ua |
| 12 | Money and credit | Ukrainian | 4 | 180 | 3,3 | 5 | Avramchuk L.A. (044) 527-88-91 Martynenko@nauu.kiev.ua |
| 13 | Finance | Ukrainian | 5 | 180 | 3,3 | 5 | Danylevska-Zhyhuniso O.Y (044) 527-88-90 martynenko@nauu.kiev.ua |
| 14 | Accounting | Ukrainian | 3,4 | 360 | 6,7 | 10 | Kireytsev H.H. (044) 527-83-61 book-keep_chair@twin.nauu.kiev.ua |
| 15 | Economics of labor and social-labor relations | English Ukrainian | 5 | 180 | 3,3 | 5 | Havryliuk I.P. (044) 527-82-69 403-7@ukr.net |
| 16 | International economics | Ukrainian | 8 | 180 | 3,3 | 5 | Krop P.B., (044) 527-86-51 ekovtoun@nauu.kiev.ua |
| 17 | National economics | Ukrainian | 7 | 180 | 3,3 | 5 | Dibrova A.D. (044) 527-86-48 |
| 18 | Regional economics | Ukrainian | 5 | 180 | 3,3 | 5 | Nakonechna K.V. (044) 527-86-58 infoagro@gmail.com |
| Total for the 1st subcycle of natural-scientific and general economic training | | | | 3600 | 66,7 | 100 | |
| The 2nd subcycle of natural-scientific and general economic training | | | | | | | |
| 1 | Educational practice in economic informatics | Ukrainian | 4 | 36 | 0,7 | 1 | Hlazunova O.H. (044) 527-86-07 shvydenko@nauu.kiev.ua |
| 2 | Educational practice in statistics | Ukrainian | 4 | 18 | 0,3 | 0,5 | Stepanenko M.V. (044) 527-82-36 statistics_chair@twin.nauu.kiev.ua |
| Total for the 2nd subcycle of natural-scientific and general economic training | | | | 54 | 1 | 1,5 | |
| Total with the cycle of natural-scientific and general economic training | | | | 3600 | 66,7 | 100 | |
| The cycle of professional training | | | | | | | |
| The 1st subcycle of professional training | | | | | | | |
| 1 | Financial accounting I | Ukrainian | 5 | 180 | 3,3 | 5 | Tyvonchuk S.V. (044) 527-83-61 book-keep_chair@twin.nauu.kiev.ua |
| 2 | Financial accounting II | Ukrainian | 6 | 180 | 3,3 | 5 | Tyvonchuk S.V. (044) 527-83-61 book-keep_chair@twin.nauu.kiev.ua |
| 3 | Bank accounting | Ukrainian | 8 | 180 | 3,3 | 5 | Derevyanko S.I. (044) 527-83-61 book-keep_chair@twin.nauu.kiev.ua |
| 4 | Accounting in budgetary institutions | Ukrainian | 6 | 180 | 3,3 | 5 | Yaroshynskyi V.M. (044) 527-83-61 book-keep_chair@twin.nauu.kiev.ua |

| | | | | | | | |
|---|---|----------------------|-----|-------------|--------------|------------|---|
| 5 | Managerial accounting | Ukrainian | 7,8 | 180 | 3,3 | 5 | Suk L.K.. (044) 527-83-61 book-keep_chair@twin.nauu.kiev.ua |
| 6 | Audit | Ukrainian | 7,8 | 216 | 4 | 6 | Shatkovska L.S.. (044) 527-83-61 book-keep_chair@twin.nauu.kiev.ua |
| 7 | Organization and methods of economic analysis | Ukrainian | 7 | 180 | 3,3 | 5 | Shysh A.M.. (044) 527-82-36 statistics_chair@twin.nauu.kiev.ua |
| 8 | Life safety | Ukrainian | 2,3 | 72 | 1,3 | 2 | Bil'ko T.O., (044) 527-82-99 toma70@bigmir.net ; Yermakova T.O.. (044) 527-87-65 agroeco_chair@twin.nauu.kiev.ua |
| Total for the 1st subcycle of professional training | | | | 1368 | 25,3 | 38 | |
| The 2nd subcycle of professional training | | | | | | | |
| 1 | Production practice in accounting | Ukrainian | 6 | 144 | 2,7 | 4 | Kaliuha Y.V.. (044) 527-83-61 book-keep_chair@twin.nauu.kiev.ua |
| Total for the 2nd subcycle of professional training | | | | 144 | 2,7 | 4 | |
| Total with the Cycle of professional training | | | | 1368 | 25,3 | 38 | |
| Total with the compulsory component | | | | 5544 | 102,7 | 154 | |
| Optional Component for 8.050106 – “Accounting and Auditing” | | | | | | | |
| Cycle of humanitarian training | | | | | | | |
| 1 | Cultural Science | Ukrainian | 1 | 108 | 2,0 | 3 | Pantaliyenko V.V.. (044) 527-89-08 kafkult3nubip@ukr.net |
| 2 | Sociology | Ukrainian | 3 | 108 | 2,0 | 3 | Kaluha V.F.. (044) 527-81-71 |
| 3 | Law | Ukrainian | 4 | 108 | 2,0 | 3 | Krachkovskiy V.S.. (044) 257-33-10 history_chair@twin.nauu.kiev.ua |
| 4 | Political Science | English Ukrainian | 6 | 108 | 2,0 | 3 | Kaluha V.F.. (044) 527-81-71 |
| 5 | Psychology and Pedagogy | English Ukrainian | 5 | 72 | 1,3 | 2 | Omel'chenko L.M.. (044) 257-22-10 psychology_chair@twin.nauu.kiev.ua |
| 6 | University education | Ukrainian | 1 | 36 | 0,7 | 1 | Kovalenko O.L.. (044) 527-86-48 |
| 7 | Religion study | Ukrainian | 3 | 72 | 1,3 | 2 | Karpinskii I.Y.. (044) 527-81-50 philosopher@twin.nauu.kiev.ua |
| 8 | Sociology of labor | Ukrainian | 4 | 72 | 1,3 | 2 | Lysenko V.I.. (044) 527-82-69 403-7@ukr.net |
| 9 | Family and household culture | Ukrainian | 5,6 | 36 | 0,7 | 1 | Mysiura T.M.. (044) 527-89-08 kafkult3nubip@ukr.net |
| Total for the cycle of humanitarian training | | | | 720 | 13,3 | 20 | |
| Cycle of natural-scientific and general economic training | | | | | | | |
| The 1st subcycle of natural-scientific and general economic training | | | | | | | |
| 1 | Crop production technology | Ukrainian | 2 | 180 | 3,3 | 5 | Dmytryshak M.YA.. (044) 527-86-26 |

| | | | | | | | |
|----|--|-------------------|---|-----|-----|-----|--|
| 2 | Technology of livestock production | English Ukrainian | 2 | 216 | 4,0 | 6 | Korolets L.A. (044) 527-82-32 |
| 3 | Farming with the principles of soil study and agrochemistry | Ukrainian | 1 | 144 | 2,7 | 4 | Rozhko V.M. (044) 527-81-18 valentina_R@bigmir.net |
| 4 | Technology of processing, storage and standardization of agrarian products | English Ukrainian | 4 | 108 | 2,0 | 3 | Voytsevivskyi V.I.. (044) 527-86-76 save_tech_chair@nauu.kiev.ua |
| 5 | Economics of agriculture | Ukrainian | 6 | 90 | 1,7 | 2,5 | Matsybora V.I. (044) 527-85-75 90999nag@gmail.com |
| 6 | Economic analysis | English Ukrainian | 6 | 108 | 2,0 | 3 | Shysh A.M. (044) 527-82-36 statistics_chair@twin.nauu.kiev.ua |
| 7 | Finance of enterprises | Ukrainian | 6 | 108 | 2,0 | 3 | Oliynyk L.A. (044) 527-88-90 martynenko@nauu.kiev.ua |
| 8 | Insurance | English Ukrainian | 5 | 72 | 1,3 | 2 | Mamchur R.M. (044) 527-87-59 tax_chair@twin.nauu.kiev.ua |
| 9 | Investment | Ukrainian | 8 | 72 | 1,3 | 2 | Pershko L.O. (044) 527-88-90 martynenko@nauu.kiev.ua |
| 10 | Stock market exchange | Ukrainian | 8 | 36 | 0,7 | 1 | Ohrimenko I.V. (044) 527-81-31 vandeburse@nauu.kiev.ua |
| 11 | Econometrics | English Ukrainian | 5 | 72 | 1,3 | 2 | Symonenko O.I. (044) 527-82-36 statistics_chair@twin.nauu.kiev.ua |
| 12 | Databases and DBMS | Ukrainian | 6 | 72 | 1,3 | 2 | Mokriyev M.V. (044) 527-86-07 mcrec@nauu.kiev.ua |
| 13 | Price and pricing | Ukrainian | 6 | 54 | 1,0 | 1,5 | Stasinevych S.A. (044) 527-81-31 vandeburse@nauu.kiev.ua |
| 14 | Tax system | Ukrainian | 6 | 72 | 1,3 | 2 | Labenko O.M. (044) 527-87-59 tax_chair@twin.nauu.kiev.ua |
| 15 | Economics of nature use | English Ukrainian | 4 | 90 | 1,7 | 2,5 | Il'kiv L.A. (044) 527-85-75 |
| 16 | Economics and organization of agroservice | Ukrainian | 4 | 90 | 1,7 | 2,5 | Mosiyuk S.I. (044) 527-80-61 agroconsalt_chair@twin.nauu.kiev.ua |
| 17 | Principles of stock exchange activity | English Ukrainian | 8 | 72 | 1,3 | 2 | Hnylyak V.O. (044) 527-81-31 vandeburse@nauu.kiev.ua |
| 18 | Organization of agribusiness | Ukrainian | 8 | 36 | 0,7 | 1 | Azizov O.P. (044) 527-85-70 organizing_chair@twin.nauu.kiev.ua |
| 19 | Production management | Ukrainian | 8 | 36 | 0,7 | 1 | Nikitchenko S.O. (044) 527-85-70 organizing_chair@twin.nauu.kiev.ua |
| 20 | Principles of agrarian consulting | Ukrainian | 8 | 36 | 0,7 | 1 | Bezкровnyi M.F. (044) 527-80-61 agroconsalt_chair@twin.nauu.kiev.ua |

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|--|--|----------------------|---|-------------|-------------|------------|--|
| Total for the 1st subcycle of natural-scientific and general economic training | | | | 1764 | 32,7 | 49 | |
| 1 | Academic practice in Crop Production Technology | Ukrainian | 2 | 36 | 0,7 | 1 | Dmytryshak M.Ya. (044) 527-86-26 |
| 2 | Educational practice on livestock production | Ukrainian | 2 | 18 | 0,3 | 0,5 | Korolets' L.A. (044) 527-82-32 |
| 3 | Educational practice on agriculture with the basics of soil science and Agrochemistry | Ukrainian | 2 | 18 | 0,3 | 0,5 | Rozhko V.M. (044) 527-81-18 |
| 4 | Educational practice on technology of processing, storage and standardization of agricultural products | Ukrainian | 4 | 18 | 0,3 | 0,5 | Voytsevivskyi V.I.. (044) 527-86-76 save_tech_chair@nauu.kiev.ua |
| 5 | Academic practice in The Principles of Stock Exchange Activity | Ukrainian | 8 | 18 | 0,3 | 0,5 | Hnylyak V.O.. (044) 527-81-31 vandeburse@nauu.kiev.ua |
| Total for the 2nd subcycle of natural-scientific and general economic training | | | | 108 | 2 | 3 | |
| Total for the cycle of natural-scientific and general economic training | | | | | | | |
| Cycle of professional training | | | | | | | |
| The 1st subcycle of professional training | | | | | | | |
| 1 | Organization and planning of production in agrarian units | English Ukrainian | 7 | 144 | 2,7 | 4 | Lyubar R.P. (044) 527-85-70 organizing_chair@twin.nauu.kiev.ua |
| 2 | Accounting in foreign countries | Ukrainian | 7 | 72 | 1,3 | 2 | Hermachuk H.O. (044) 527-83-61 book-keep_chair@twin.nauu.kiev.ua |
| 3 | Computer Audit | Ukrainian | 8 | 72 | 1,3 | 2 | Venheruk N.M. (044) 527-83-61 book-keep_chair@twin.nauu.kiev.ua |
| 4 | Automated work station (AWS) of accountant | Ukrainian | 5 | 108 | 2,0 | 3 | Hermachuk H.O. (044) 527-83-61 book-keep_chair@twin.nauu.kiev.ua |
| 5 | Accounting in the branches of economics | Ukrainian | 7 | 72 | 1,3 | 2 | Yarmolenko V.P. (044) 527-83-61 book-keep_chair@twin.nauu.kiev.ua |
| 6 | Tax accounting | Ukrainian | 8 | 72 | 1,3 | 2 | Hanyailo O.M. (044) 527-83-61 book-keep_chair@twin.nauu.kiev.ua |
| 7 | Informational systems and technologies in accounting | Ukrainian | 7 | 72 | 1,3 | 2 | Hlazunova O.H. (044) 527-86-07 shvydenko@nauu.kiev.ua |
| Total for the the 1st subcycle of professional training | | | | 612 | 11,3 | 17 | |
| The 2nd subcycle subcycle of professional training | | | | | | | |
| 1 | Educational practice on AWS of accountant | Ukrainian | 6 | 36 | 0,7 | 1 | Sribnyak O.M. (044) 527-83-61 book-keep_chair@twin.nauu.kiev.ua |
| Total for the 2nd subcycle of professional training | | | | 36 | 0,7 | 1 | |
| Total with the cycle of professional training | | | | 612 | 11,3 | 17 | |
| Total with the optional component | | | | 3096 | 57,3 | 86 | |
| Total with the area of training | | | | 8640 | 160 | 240 | |

* Physical Training is included into the weekly classroom load (30 hours), but it is not an academic credit discipline.

Tentative topics for Bachelor's projects

1. Forms of accounting and their development under modern economic conditions..
2. Accounting and audit of financial-economic activity of joint ventures.
3. Accounting and analysis of financial investments. .
4. Accounting of capital assets at the small business enterprises and the analysis of their use effectiveness.
5. Accounting and audit of depreciation of capital assets and non-tangible assets.
6. Peculiarities of accounting and analysis of wastes and secondary production resources at processing enterprises.
7. Accounting and analysis of monetary funds.
8. Monetary funds and their equivalents: accounting and analysis of their use in economic turnover of enterprise. .
9. Accounting and analysis of operations at current and other bank accounts.
10. Accounting of funds at the currency account and analysis of operations with foreign currency.
11. Accounting and audit of settlements with budgetary payings as profit taxes.
12. Peculiarities of accounting and control of operations in the field of import and re-export of goods. .
13. Accounting and audit of export-and-import operations in the system of management of foreign economic activity of foreign economic activity of enterprise.
14. Accounting and audit of settlement operations in the field of foreign economic activity.
15. Accounting and control of revenues from the usual activity.
16. Accounting and control of financial results.
17. Internal accounting and control of production costs.
18. Managerial accounting of costs and their analysis.
19. Accounting and control of forming profits and their use.
20. Accounting and analysis of costs of grain production.
21. Accounting and analysis of presence and movement of current assets of livestock.
22. Accounting and analysis of costs and output of swinery production.
23. Peculiarities of accounting and analysis of swinery production at specialized fattening enterprises (complexes).
24. Accounting and analysis of costs and output of poultry production.
25. Accounting and control of results of activity of subsidiary production units.
26. Accounting and control of settlements with suppliers and contractors.
27. Accounting and control of industrial processing of agricultural products.
28. Accounting and analysis of activity of machine-and-tractor station.
29. Accounting and analysis of capital construction.
30. Analysis of financial state of the bankrupt enterprise and accounting of operations directed at its liquidation.

Training EQL “Bachelor” with the shorter training period meant for Junior Specialists

Graduates who have received EQL “Junior Specialist” for the area **6.030509 – «Accounting and Auditing»** with the specialization::

5.050107 – “Accounting”

are admitted to training for EQL “Bachelor” with the shorter (two years) training period after passing the entrance examinations in professional disciplines and eliminating differences in academic curricula.

Curriculum for EQL “Bachelor” with the shorter (two years) training period in the area “Accounting and Auditing” meant for Junior Specialists

| Num ber | Academic discipline, practice | Language of Training | Semester | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|---|---|-------------------------|----------|--------|--------------|----------|---|
| | | | | Hours | Credits | | |
| | | | | | Nation al | ECT S | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian training | | | | | | | |
| 1 | Political Economy | Ukrainian | 2 | 108 | 2 | 3 | Kaluha V.F.. (044) 527-81-71 |
| 2 | Psychology and Pedagogics | Ukrainian | 1 | 108 | 2 | 3 | Svystun V.I. (044) 257-22-10 psychology_chair@twin.nauu.kiev.ua |
| Total for the cycle of humanitarian training | | | | 216 | 2 | 6 | |
| Cycle of natural-scientific and general economic training | | | | | | | |
| 1 | Microeconomics | Ukrainian | 2 | 180 | 3,3 | 5 | Vlasenko Yu.H. (044) 527-82-35 ekteor_chair@twin.nauu.kiev.ua |
| 2 | Macroeconomics | Ukrainian | 3 | 180 | 3,3 | 5 | Talavyrya M.P. (044) 527-82-35 ekteor_chair@twin.nauu.kiev.ua |
| 3 | Mathematics for economists | Ukrainian | 1 | 144 | 2,7 | 4 | Ivanova Yu.I. (044) 527-82-29 |
| 4 | Economic-mathematical modelling | Ukrainian | 1 | 180 | 3,3 | 5 | Shul'ha N.H. (044) 527-85-67 ciber_chair@twin.nauu.kiev.ua |
| 5 | Economics of enterprise | Ukrainian | 1 | 108 | 2,0 | 3 | Herasymchuk N.A. (044) 527-85-75 90999nag@gmail.com |
| 6 | Finance | Ukrainian | 1 | 108 | 2,0 | 3 | Danylevska-Zhyhuniso va O.Y (044) 527-88-90 martynenko@nauu.kiev.ua |
| 7 | Economics of labor and social-labor relations | Ukrainian | 1 | 180 | 3,3 | 5 | Kovalenko L.V. (044) 527-82-69 403-7@ukr.net |
| 8 | International economics | Ukrainian | 4 | 180 | 3,3 | 5 | Krop P.B. (044) 527-86-51 ekovtoun@nauu.kiev.ua |
| 9 | National economics | Ukrainian українська | 3 | 180 | 3,3 | 5 | Dibrova A.D. (044) 527-86-48 |

| | | | | | | | |
|--|---|-----------|-----|-------------|-------------|-----------|---|
| Total for the cycle of natural-scientific and general economic training | | | | 1440 | 26,7 | 40 | |
| Cycle of professional training | | | | | | | |
| The 1st subcycle of professional training | | | | | | | |
| 1 | Financial accounting I | Ukrainian | 1 | 180 | 3,3 | 5 | Suk P.L. (044) 527-83-61 book-keep_chair@twin.nauu.kiev.ua |
| 2 | Financial accounting II | Ukrainian | 2 | 180 | 3,3 | 5 | Suk P.L. (044) 527-83-61 book-keep_chair@twin.nauu.kiev.ua |
| 3 | Bank accounting | Ukrainian | 4 | 180 | 3,3 | 5 | Derev'yanko S.I. (044) 527-83-61 book-keep_chair@twin.nauu.kiev.ua |
| 4 | Managerial accounting | Ukrainian | 3,4 | 180 | 3,3 | 5 | Lyshylenko O.V. (044) 527-83-61 book-keep_chair@twin.nauu.kiev.ua |
| 5 | Audit | Ukrainian | 3 | 216 | 4,0 | 6 | Shatkovska L.S. (044) 527-83-61 book-keep_chair@twin.nauu.kiev.ua |
| 6 | Organization and methods of economic analysis | Ukrainian | 2 | 180 | 3,3 | 5 | Muzychenko A.O. (044) 527-82-36 statistics_chair@twin.nauu.kiev.ua |
| Total for the the 1st subcycle of professional training | | | | 1116 | 20,7 | 31 | |
| The 2nd subcycle of natural-scientific and general economic training | | | | | | | |
| 1 | Production practice in accounting | Ukrainian | 6 | 144 | 2,7 | 4 | Kalyuha Ye.V. (044) 527-83-61 book-keep_chair@twin.nauu.kiev.ua |
| Total for the the 2nd subcycle of natural-scientific and general economic training | | | | 144 | 2,7 | 4 | |
| Total with the cycle of professional training | | | | 1116 | 20,7 | 31 | |
| Total with the compulsory component | | | | 2772 | 51,3 | 77 | |
| Optional component for 8.050106 – “Accounting and auditing” | | | | | | | |
| Cycle of humanitarian training | | | | | | | |
| 1 | Family and household culture | Ukrainian | 1,2 | 108 | 2 | 3 | Mysiura T.M. (044) 527-89-08 kafkult3nubip@ukr.net |
| Total for the cycle of humanitarian training | | | | 108 | 2 | 3 | |
| Cycle of natural-scientific and general economic training | | | | | | | |
| The 1st subcycle of natural-scientific and general economic training | | | | | | | |
| 1 | Economics of agriculture | Ukrainian | 2 | 180 | 3,3 | 5 | Herasymchuk N.A. 90999nag@gmail.com |
| 2 | Insurance | Ukrainian | 2 | 108 | 2 | 3 | Mamchur R.M. (044) 527-87-59 tax_chair@twin.nauu.kiev.ua |
| 3 | Investment | Ukrainian | 4 | 108 | 2 | 3 | Pershko L.O. (044) 527-88-90 martynenko@nauu.kiev.ua |
| 4 | Econometrics | Ukrainian | 2 | 54 | 1 | 1,5 | Symonenko O.I. (044) 527-82-36 statistics_chair@twin.nauu.kiev.ua |
| 5 | Databases and DBMS | Ukrainian | 2 | 54 | 1 | 1,5 | Mokriev M.V. (044) 527-86-07 mcree@nauu.kiev.ua |

| | | | | | | | |
|--|---|-------------|---|-------------|-------------|-----------|--|
| 6 | Price and pricing | Ukrainian | 2 | 54 | 1 | 1,5 | Stasinevych S.A. (044) 527-81-31 vandeburse@nauu.kiev.ua |
| 7 | Principles of stock exchange activity | Ukrainian a | 4 | 54 | 1 | 1,5 | Hnylyak V.O. (044) 527-81-31 vandeburse@nauu.kiev.ua |
| 8 | Economics and organization of agroservice | Ukrainian | 2 | 54 | 1 | 1,5 | Mosiyuk S.I. (044) 527-80-61 agroconsalt_chair@twin.nauu.kiev.ua |
| 9 | Organization of Agribusiness | Ukrainian | 4 | 54 | 1 | 1,5 | Azizov O.P. (044) 527-85-70 organizing_chair@twin.nauu.kiev.ua |
| 10 | Production management | Ukrainian | 4 | 54 | 1 | 1,5 | Nikitchenko S.O. (044) 527-85-70 organizing_chair@twin.nauu.kiev.ua |
| 11 | Principles of agrarian consulting | Ukrainian | 4 | 54 | 1 | 1,5 | Bezkravnyi M.F. (044) 527-80-61 agroconsalt_chair@twin.nauu.kiev.ua |
| 12 | Economic-mathematical modelling in management and economics | Ukrainian | 4 | 54 | 1 | 1,5 | Shul'ha N.H. (044) 527-85-67 ciber_chair@twin.nauu.kiev.ua |
| 13 | Economy of world agriculture and Foreign Economic Activity | Ukrainian | 3 | 72 | 1,3 | 2 | Berehovyi V.K. (044) 527-86-51 ekovtoun@nauu.kiev.ua |
| Total for the 1st subcycle of natural-scientific and general economic training | | | | 1008 | 18,5 | 28 | |
| The 2nd subcycle of natural-scientific and general economic training | | | | | | | |
| 1 | Educational practice in principles of stock exchange activity | Ukrainian | 4 | 18 | 0,3 | 0,5 | Hnykyak V.O. (044) 527-81-31 vandeburse@nauu.kiev.ua |
| Total for the 2nd subcycle of natural-scientific and general economic training | | | | | | | |
| Total with the course of natural-scientific and general economic training | | | | | | | |
| Cycle of professional training | | | | | | | |
| The 1st subcycle of professional training | | | | | | | |
| 1 | Organization and planning of production in agrarian units | Ukrainian | 3 | 144 | 2,7 | 4 | Lyubar R.P. (044) 527-85-70 organizing_chair@twin.nauu.kiev.ua |
| 2 | Accounting in foreign countries | Ukrainian | 3 | 72 | 1,3 | 2 | Slyesar T.M. (044) 527-83-61 book-keep_chair@twin.nauu.kiev.ua |
| 3 | Computer audit | Ukrainian | 4 | 72 | 1,3 | 2 | Venheruk N.M. (044) 527-83-61 book-keep_chair@twin.nauu.kiev.ua |
| 4 | AWS-accounting | Ukrainian | 1 | 72 | 1,3 | 2 | Hermenchuk H.O. (044) 527-83-61 book-keep_chair@twin.nauu.kiev.ua |
| 5 | Accounting in agriculture | Ukrainian | 3 | 72 | 1,3 | 2 | Yarmolenko V.P. (044) 527-83-61 book-keep_chair@twin.nauu.kiev.ua |

| | | | | | | | |
|---|--|-----------|---|-------------|-------------|------------|---|
| 6 | Tax accounting | Ukrainian | 4 | 72 | 1,3 | 2 | Hanyailo O.M. (044) 527-83-61 book-keep_chair@twin.nauu.kiev.ua |
| Total for the 1st subcycle of professional training | | | | 504 | 9,3 | 14 | |
| The 2nd subcycle of professional training | | | | | | | |
| 1 | Educational practice in APM-Accounting | Ukrainian | 2 | 36 | 0,7 | 1 | Danilochkina O.V. (044) 527-83-61 book-keep_chair@twin.nauu.kiev.ua |
| Total for 2nd subcycle of professional training | | | | 36 | 0,7 | 1 | |
| Total with the cycle of professional training | | | | 504 | 9,3 | 14 | |
| Total with the optional component | | | | 1548 | 28,7 | 43 | |
| Total with the area of training | | | | 4320 | 80 | 120 | |

Area of training 6.030507 – “Marketing”

Training is carried out in:

- Basic institution of the University (Kyiv).

The structure of curriculum of training for EQL “Bachelor” in the area “Marketing”

The Curriculum is concluded on the basis of educational and vocational training programs EQL “Bachelor” for “Marketing”.

The compulsory component of the curriculum consists of 3 training cycles: the humanitarian, natural-scientific and general economic, professional training, totaling 6264 hours, 116 national credits and 174 ECTS credits.

The optional component of the curriculum consists of the humanitarian, natural-scientific and general economic, professional training, totaling totaling 2232 hours., 41.1 national credits, 62 ECTS credits.

The total time by the curriculum makes up 2232 hours, 41,3 national credits, 62 ECTS credits.

The curriculum includes:

- Writing 5 course projects (works) in: “Political Economy”, “Microeconomics, Labor Economics and Labor Relations”, “Statistics”, “Agricultural Economics”, “Economics of World Agriculture”, “Agricultural Marketing”, “Marketing Pricing”.
- 8 practical trainings: academic and production.

Training period is 4 years.

State certification comprises a state examination, writing and defending a Bachelor’s paper.

Curriculum for EQL “Bachelor” in the area “Marketing”

| Numb er | Academic discipline, practice | Language of Training | Semester | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|--|--|-----------------------------|----------|--------|--------------|----------|--|
| | | | | Hours | Credits | | |
| | | | | | nationa l | ECT S | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and socio-economic training | | | | | | | |
| | History of Ukraine | Ukrainian | 1 | 144 | 2,7 | 4 | Pantalyenko V.V. 044-527-89-08 |
| | History of Ukrainian culture | Ukrainian | 1 | 144 | 2,7 | 4 | Lanovliuk L.P. 044-527-81-16 |
| | Foreign language | Ukrainian | 1 | 144 | 2,7 | 4 | Tepla O.M. 044-527-83-63 |
| | Ukrainian (for professional area) | English German French | 1-8 | 684 | 12,7 | 19 | Klymenko L.V. Chernelia I.M. 044-527-81-44 Kononchuk I.V. Kropyvko R.L. 044-527-85-95 |
| | Philosophy | Ukrainian | 2-3 | 216 | 4,0 | 6 | Bosenko E.V. 044-527-81-50 |
| | Physical training | Ukrainian | 1-4 | 216 | 4,0 | 6 | Semerun V.Z. 044-527-85-21 |
| Total for the cycle of humanitarian and social-economic training | | | | 1188 | 22 | 37 | |
| Cycle of mathematical and natural-scientific training | | | | | | | |
| 1 | History of economics and the economic thought | Ukrainian | 1 | 180 | 3,3 | 5 | Bolharova N.K. 044-527-82-35 |
| 2 | Political Economy | Ukrainian | 1-2 | 180 | 3,3 | 5 | Hoychuk O.I. 044-527-86-54 |
| 3 | Economic Informatics | Ukrainian | 1-3 | 180 | 3,3 | 5 | Shishov S.V. 044-527-86-07 |
| 4 | Mathematics for Economists | Ukrainian | 1-3 | 360 | 6,7 | 10 | Sulima I.M. 044-527-82-29 |
| 5 | Macroeconomics | Ukrainian | 3 | 180 | 3,3 | 5 | Hushcha I.A. 044-527-82-35 |
| 6 | Microeconomics | Ukrainian | 4 | 180 | 3,3 | 5 | Rudiy M.M. 044-527-82-35 |
| 7 | Money and Credit | Ukrainian | 4 | 180 | 3,3 | 5 | Kalivoshko A.M. 044-527-68-90 |
| 8 | Accounting | Ukrainian | 4-5 | 180 | 3,3 | 5 | Verbylo A.F. Gurenko T.A. 044-527-85-50 |
| 9 | Marketing | Ukrainian | 4-5 | 360 | 6,7 | 10 | Boniar S.M. 044-527-80-04 |
| 10 | Statistics | Ukrainian | 4-5 | 180 | 3,3 | 5 | Chuhlib A.V. 044-527-86-32 |
| 11 | Economic-mathematical modeling | Ukrainian | 5 | 180 | 3,3 | 5 | Rogoza N.A. 044-527-85-67 |
| 12 | Regional economy | Ukrainian | 5 | 180 | 3,3 | 5 | Dyshlyuk N.I. 044-527-86-19 |
| 13 | Management | Ukrainian | 5 | 180 | 3,3 | 5 | Drahniewa N.I. 044-527-85-66 |
| 14 | Economics of Enterprise | Ukrainian | 5-6 | 180 | 3,3 | 5 | Stepasiuk L.M. 044-527-85-75 |
| 15 | Labor economics and labor relations | Ukrainian | 6 | 180 | 3,3 | 5 | Lanchenko Y.O. 044-527-82-69- |
| 16 | Fundamentals of safety | Ukrainian | 6 | 36 | 0,7 | 1 | Tkachenko O.M. 044-527-82-99 |
| 17 | National Economics | Ukrainian | 7 | 180 | 3,3 | 5 | Dibrova A.D. |

| | | | | | | | |
|---|--|-----------|-----|-------------|-------------|------------|-----------------------------------|
| | | | | | | | 044-527-86-48 |
| 18 | Finance | Ukrainian | 7 | 180 | 3,3 | 5 | Zelisko A.M. 044-527-85-50 |
| 19 | International Economics | Ukrainian | 8 | 180 | 3,3 | 5 | Dibrova L.M. 044-527-86-61 |
| Total for the cycle mathematical and natural-scientific training | | | | 3636 | 66,9 | 101 | |
| Cycles for professional and practical training | | | | | | | |
| 1. | Logistic | Ukrainian | 6 | 180 | 3,3 | 5 | Kolesnyk I.V. 044-527-85-66 |
| 2. | Infrastructure commodity market | Ukrainian | 6-7 | 216 | 4,0 | 6 | Babicheva O.I. 044-527-80-04 |
| 3. | Industrial Marketing | Ukrainian | 7 | 180 | 3,3 | 5 | Buriak P.I. 044-527-80-04 |
| 4. | Policy Marketing Communications | Ukrainian | 8 | 180 | 3,3 | 5 | Riabchyk A.V. 044-527-80-04 |
| 5. | Marketing product policy | Ukrainian | 8 | 180 | 3,3 | 5 | Boniar S.M. 044-527-80-04 |
| 6. | Marketing pricing | Ukrainian | 8 | 180 | 3,3 | 5 | Skrypnyk V.L. 044-527-80-04 |
| 7. | Marketing research | Ukrainian | 8 | 180 | 3,3 | 5 | Levshukova T.M 044-527-80-04 |
| Total for the cycle of professional and practical training | | | | 1296 | 24,0 | 36 | |
| Total with the optional component | | | | 6264 | 116 | 174 | |
| Optional Component for 8.050107 – “Marketing” | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| 1. | Crop production technology | Ukrainian | 1-2 | 108 | 2,0 | 3 | Mokriyenko V.A. 044-527-86-26 |
| 2. | Technology for livestock production | Ukrainian | 2 | 108 | 2,0 | 3 | Umanets V.D. 044-527-82-68 |
| 3. | The technology of processing, storage and standardization of agricultural products | Ukrainian | 3 | 36 | 0,7 | 1 | Gun'ko S.M. 044-527-86-76 |
| 4. | Standardization and Quality Control | Ukrainian | 3 | 36 | 0,7 | 1 | Humeniuk G.D. 044-527-82-78 |
| 5. | World Economy of agriculture | Ukrainian | 5 | 54 | 1 | 1,5 | Faychuk F.M. 044-527-85-40 |
| 6. | Risk management | Ukrainian | 5 | 36 | 0,7 | 1 | Kovtun O.A. 044-527-85-73 |
| 7. | Pricing | Ukrainian | 5 | 72 | 1,3 | 2 | Hal'chinsky Y.M. 044-527-80-04 |
| 8. | Agricultural Marketing | Ukrainian | 6 | 108 | 2,0 | 3 | Riabchyk A.V. 044-527-80-04 |
| 9. | Econometrics | Ukrainian | 6 | 81 | 1,5 | 2,25 | Symonenko O.I. 044-527-86-32 |
| 10. | Economic analysis | Ukrainian | 6 | 72 | 1,3 | 2 | Vovchuk T.I. 044-527-86-32 |
| 11. | Investment | Ukrainian | 6 | 36 | 0,7 | 1 | Heraymovych S.P. 044-527-85-59 |
| 12. | Organization of business | Ukrainian | 6 | 72 | 1,3 | 2 | Ostapchuk A.D. 044-527-87-07 |
| 13. | Commodity | Ukrainian | 7 | 108 | 2,0 | 3 | Bonyar S.M. 044-527-80-04 |
| 14. | Banking | Ukrainian | 8 | 36 | 0,7 | 1 | Kruchok N.S. 044-527-88-90 |
| 15. | Tax system | Ukrainian | 8 | 81 | 1,5 | 2,25 | Kovtun O.A. 044-527-85-73 |
| 16. | Banking | Ukrainian | 8 | 36 | 0,7 | 1 | Kruchok N.S. 044-527-88-90 |
| 17. | Marketing services | Ukrainian | 8 | 72 | 1,3 | 2 | Boniar S.M. |

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|---|-----------------------------------|-----------|-----|-------------|-------------|-------------|---------------------------------|
| | | | | | | | 044-527-80-04 |
| 8. | Operational Management | Ukrainian | 8 | 54 | 1 | 1,5 | Horovyi V.P. 044-527-85-66 |
| 9. | International Marketing | Ukrainian | 8 | 54 | 1 | 1,5 | Sidorenko S.V. 044-527-86-61 |
| 20. | Insurance | Ukrainian | 8 | 72 | 1,3 | 2 | Tarasiuk S.G. 044-267-87-59 |
| Total for the disciplines of the University's choice | | | | 1332 | 24,7 | 37,0 | |
| Disciplines chosen by students | | | | | | | |
| 1. | Social Communications | Ukrainian | 1-4 | 72 | 1,3 | 2 | Kuz'menko S.V. 044-527-86-51 |
| 2. | Organization of SH production | Ukrainian | 7 | 72 | 1,3 | 2 | Rad'ko V.I. 044-527-85-70 |
| 3. | Public relations | Ukrainian | 8 | 36 | 0,7 | 2 | Buriak R.I. 044-527-80-04 |
| 4. | Fundamentals of exchange activity | Ukrainian | 8 | 72 | 1,3 | 2 | Ostapenko M.E 044-527-81-31 |
| 5. | University Education | Ukrainian | 1 | 36 | 0,7 | 1 | Buriak R.I. 044-527-80-04 |
| 6. | Life Safety | Ukrainian | 2 | 144 | 2,7 | 4 | Piskunov L.E. 044-527-87-65 |
| 7. | Psychology and Pedagogics | Ukrainian | 3 | 108 | 2,0 | 3 | Yashnyk S.V. 044-527-22-10 |
| 8. | Sociology | Ukrainian | 3 | 108 | 2,0 | 3 | Kostiuk A.V. 044-527-82-35 |
| 9. | Politics | Ukrainian | 4 | 108 | 2,0 | 3 | Kostiuk A.V. 044-527-82-35 |
| 10. | Jurisprudence | Ukrainian | 4 | 108 | 2,0 | 3 | Marchenko S.I. 044-527-85-71 |
| Total for the disciplines of the students' choice | | | | 900 | 16,6 | 25 | |
| Total with the optional component | | | | 2232 | 41,3 | 62 | |
| Total with the area of training | | | | 8640 | 160 | 240 | |

* Physical Training is included into the weekly classroom load (30 hours), but it is not an academic credit discipline.

Tentative topics for Bachelor's projects

1. Management of sales on the basis of marketing.
2. State of the domestic market for agricultural products (by type).
3. Performance businesses with sales of agricultural products (by type).
4. Trends in modern transport logistics.
5. Developing strategies to promote food products on the market.
6. Organizing an effective campaign in the domestic market.
7. Organization of marketing research marketing of agricultural products (by type).
8. Justification of marketing product policy.
9. Communicative organization of the business.
10. Manage marketing research.
11. Diagnostics and competitiveness of its products in domestic market.
12. Developing strategies to promote products to market.
13. Justification marketing distribution policies.
14. Planning of product policy based on market research.
15. Advertising as an element of marketing communications.
16. The effectiveness of pricing policy on the domestic market.
17. Diagnostics and competitiveness of its products in domestic market.
18. Organization of business on the basis of marketing.
19. Application of the enterprise market forecasts in marketing.
20. Marketing planning at an enterprise.

Training EQL “Bachelor” with the shorter training period meant for Junior Specialists

Graduates who have received EQL “Junior Specialist” for the area **6.030507 “Marketing”** with the specialization:

5.050112 – “Exchange Activity”

are admitted to training for EQL “Bachelor” with the shorter (two years) training period after passing the entrance examinations in professional disciplines and eliminating differences in academic curricula.

Curriculum for EQL “Bachelor” with the shorter (two years) training period in the area “Marketing” meant for Junior Specialists

| Numb er | Academic discipline, practice | Language of Training | Semester | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|---|-------------------------------------|-----------------------------|----------|--------|-------------------------|----------|--|
| | | | | Hours | Credits Nation al | ECT S | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and socio-economic training | | | | | | | |
| | Foreign language | English German French | 5-8 | 81 | 1,5 | 2,25 | Klymenko L.V. Chernelia I.M. 044-527-81-44 Kononchuk I.V. Kropyvko R.V. 044-527-85-95 |
| Total for the course of humanitarian and social-economic training | | | | 81 | 1,5 | 2,25 | |
| Cycle of mathematical and natural-scientific training | | | | | | | |
| 1. | Accounting | Ukrainian | 5 | 90 | 1,6 | 2,5 | Verbylo A.F. Gurenko T.A. 044-527-85-50 |
| 2. | Marketing | Ukrainian | 5 | 180 | 3,3 | 5 | Boniar S.M. 044-527-80-04 |
| 3. | Statistics | Ukrainian | 5 | 90 | 1,6 | 2,5 | Chukhlib A.V. 044-527-86-32 |
| 4. | Economic-mathematical modeling | Ukrainian | 5 | 180 | 3,3 | 5 | Rogoza N.A.. 044-527-85-67 |
| 5. | Regional economy | Ukrainian | 5 | 180 | 3,3 | 5 | Dyshliuk N.I. 044-527-86-19 |
| 6. | Management | Ukrainian | 5 | 180 | 3,3 | 5 | Drahnieva N.I. 044-527-85-66 |
| 7. | Business Economics | Ukrainian | 5-6 | 180 | 3,3 | 5 | Stepasiuk L.M. 044-527-85-75 |
| 8. | Labor Economics and Labor Relations | Ukrainian | 6 | 180 | 3,3 | 5 | Lanchenko E.O. 044-527-82-69- |
| 9. | Fundamentals of safety | Ukrainian | 6 | 36 | 0,7 | 1 | Tkachenko O.M. 044-527-82-99 |
| 10. | National Economy | Ukrainian | 7 | 180 | 3,3 | 5 | Dibrova A.D. 044-527-86-48 |
| 11. | Finances | Ukrainian | 7 | 180 | 3,3 | 5 | Zelisko I.M. 044-527-85-50 |
| 12. | International Economics | Ukrainian | 8 | 180 | 3,3 | 5 | Dibrova L.V. 044-527-86-61 |
| Total for the cycle of mathematical and natural-scientific training | | | | 1836 | 33,6 | 51 | |
| Cycle of professional and practical training | | | | | | | |
| 1. | Logistics | Ukrainian | 6 | 180 | 3,3 | 5 | Kolesnik I.V 044-527-85-66 |

| | | | | | | | |
|---|--|-----------|-----|-------------|-------------|------------|-----------------------------------|
| 2. | Infrastructure of commodity market | Ukrainian | 6-7 | 216 | 4,0 | 6 | Babicheva O.I. 044-527-80-04 |
| 3. | Industrial Marketing | Ukrainian | 7 | 180 | 3,3 | 5 | Buriak R.I. 044-527-80-04 |
| 4. | Power Marketing Communications | Ukrainian | 8 | 180 | 3,3 | 5 | Riabchyk A.V. 044-527-80-04 |
| 5. | Marketing product policy | Ukrainian | 8 | 180 | 3,3 | 5 | Boniar S.M. 044-527-80-04 |
| 6. | Marketing pricing | Ukrainian | 8 | 180 | 3,3 | 5 | Skrypnyk V.L. 044-527-80-04 |
| 7. | Marketing research | Ukrainian | 8 | 180 | 3,3 | 5 | Levshukova T.M. 044-527-80-04 |
| Total for the cycle of professional and practical training | | | | 1296 | 23,8 | 36 | |
| Total with the optional component | | | | 3132 | 57,4 | 87 | |
| Optional Component for 8.050107 – “Marketing” | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| 1. | World Economy of agriculture | Ukrainian | 5 | 54 | 1 | 1,5 | Faychuk O.M. 044-527-85-40 |
| 2. | Risk management | Ukrainian | 5 | 36 | 0,7 | 1 | Kovtun O.A. 044-527-85-73 |
| 3. | Pricing | Ukrainian | 5 | 72 | 1,3 | 2 | Hal'chinsky Y.M. 044-527-80-04 |
| 4. | Agricultural Marketing | Ukrainian | 6 | 108 | 2,0 | 3 | Riabchyk A.V. 044-527-80-04 |
| 5. | Econometrics | Ukrainian | 6 | 81 | 1,5 | 2,25 | Symonenko O.I. 044-527-86-32 |
| 6. | Economic analysis | Ukrainian | 6 | 72 | 1,3 | 2 | Vovchuk T.I. 044-527-86-32 |
| 7. | Investment | Ukrainian | 6 | 36 | 0,7 | 1 | Heraymovych S.P. 044-527-85-59 |
| 8. | Organization of business | Ukrainian | 6 | 72 | 1,3 | 2 | Ostapchuk A.D. 044-527-87-07 |
| 9. | Commodity | Ukrainian | 7 | 108 | 2,0 | 3 | Boniar S.M. 044-527-80-04 |
| 10. | Banking | Ukrainian | 8 | 36 | 0,7 | 1 | Kruchok N.S. 044-527-88-90 |
| 11. | Tax system | Ukrainian | 8 | 81 | 1,5 | 2,25 | Kovtun O.A. 044-527-85-73 |
| 12. | Banking | Ukrainian | 8 | 36 | 0,7 | 1 | Kruchok N.S. 044-527-88-90 |
| 13. | Marketing services | Ukrainian | 8 | 72 | 1,3 | 2 | Boniar S.M. 044-527-80-04 |
| 14. | Operational Management | Ukrainian | 8 | 54 | 1 | 1,5 | Horovyi V.P. 044-527-85-66 |
| 15. | International Marketing | Ukrainian | 8 | 54 | 1 | 1,5 | Sidorenko S.V. 044-527-86-61 |
| 16. | Insurance | Ukrainian | 8 | 72 | 1,3 | 2 | Tarasiuk S.G. 044-267-87-59 |
| Total for the university choice | | | | 1044 | 19,3 | 29 | |
| Disciplines chosen by students | | | | | | | |
| 1. | Organization of agriculture production | Ukrainian | 7 | 72 | 1,3 | 2 | Rad'ko V.I. 044-527-85-70 |
| 2. | Public Relations | Ukrainian | 8 | 36 | 0,7 | 2 | Buriak R.I. 044-527-80-04 |
| 3. | Fundamentals of exchange activity | Ukrainian | 8 | 72 | 1,3 | 2 | Ostapenko M.E. 044-527-81-31 |
| Total for the disciplines of the University's choice | | | | 180 | 3,3 | 6 | |
| Total with the optional component | | | | 1224 | 22,6 | 35 | |
| Total with the area of training | | | | 4356 | 80 | 122 | |

Area of training 6.030601 – “Management”

Training is carried out in:

- **Basic institution of the University (Kyiv);**
- **SA of NULES of Ukraine “Crimea Agrotechnical University”;**
- **SD of NULES of Ukraine “Nizhyns’kyi Agrotechnical Institute”;**
- **SD of NULES of Ukraine “Bobrovyts’kyi ”.**

The structure of curriculum of training for EQL “Bachelor” in the area “Management” (with features of “Management of Enterprise”)

The Curriculum is concluded on the basis of educational and vocational training programs EQL “Bachelor” for “Management”.

The compulsory component of the curriculum consists of 3 training cycles: the humanitarian and social-economic, mathematical and natural-scientific, professional and practical totaling 6300 hours, 116.9 national credits, and 175 ECTS credits.

The optional component of the curriculum consists of Disciplines chosen by the University and by students totaling 2340 hours, 43.3 national credits, and 65 ECTS credits.

The total time by the curriculum makes up 8640 hours, 160 national credits, and 240 credits of ECTS.

The curriculum includes:

- writing 10 course projects (works) in: “Economic Theory”, “Microeconomics”, “Labor Economics and Socio-Labor Relations”, “Statistics”, “Economics of Agriculture”, “Basic Management”, “Marketing”, “Foreign Trade”, “Global Agriculture Economy”, “Foreign Commercial Activities”, “International Economic Relations”.
- 8 practical trainings, academic and production.

Training period is 4 years.

State certification comprises a state examination, writing and defending a Bachelor’s paper.

**Curriculum for EQL “Bachelor” in the area “Management”
(with features of the area “Management of Enterprises”)**

| Number | Academic discipline, practice | Language of Training | Semester | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|---|---|-----------------------------|----------|--------|----------|------|--|
| | | | | Hours | Credits | | |
| | | | | | National | ECTS | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and socio-economic training | | | | | | | |
| 1. | History of Ukraine | Ukrainian | 1 | 108 | 2,0 | 3 | Lanovliuk L. P. 044-527-81-16 |
| 2. | Foreign Language | English German French | 1-2 | 288 | 5,3 | 8 | Avramenko M. M. Yamnych N. Yu. 044-527-81-44 Kononchuk I. V. Kropyvko R. L. 044-527-85-95 |
| 3. | Ukrainian (in professional area) | Ukrainian | 2 | 108 | 2,0 | 3 | Pereval's'ka M. A. 044-527-83-63 |
| 4. | History of Ukrainian culture | Ukrainian | 3 | 108 | 1,3 | 3 | Hryshchenko T. B. 044-527-89-08 |
| 5. | Philosophy | Ukrainian | 6 | 108 | 2,0 | 3 | Bosenko E. V. 044-527-81-50 |
| 6. | Physical Training* | Ukrainian | 1-4 | 288 | 5,3 | 8 | Semerun' V. Z. 044-527-85-21 |
| Total for the cycle of humanitarian and socio-economic training | | | | 720 | 13,3 | 20 | |
| Cycle of mathematical and natural-scientific training | | | | | | | |
| 1. | Technology of Vegetable Growing Production | Ukrainian | 1-2 | 252 | 4,7 | 7 | Yermakova L. M. 044-527-86-26 |
| 2. | Higher Mathematics | Ukrainian | 1-2 | 288 | 5,3 | 8 | Ivanova Yu. I. 044-527-82-29 |
| 3. | Economics Theory | Ukrainian | 1-2 | 216 | 4,0 | 6 | Orehhivs'kyi H. A. 044-527-86-54 |
| 4. | Informatics and Computer Techniques | Ukrainian | 1-3 | 288 | 5,3 | 8 | Soroka P. M. 044-527-86-07 |
| 5. | Animal Husbandry Mechanisation | Ukrainian | 2 | 72 | 1,3 | 2 | Rebenko V. I. 044-527-85-35. |
| 6. | Plant Protection Bases and Agrochemistry | Ukrainian | 2 | 144 | 2,7 | 4 | Hlym'iaznyi V. A. 044-527-87-61. |
| 7. | Agricultural Machines | Ukrainian | 2 | 108 | 2,0 | 3 | Myronol's'kyi O. M. 044-527-85-37 |
| 8. | Theory of Probability and Mathematical Statistics | Ukrainian | 3 | 144 | 2,7 | 4 | Halaeva L. V. 044-527-85-67 |
| 9. | Technology of Animal Husbandry Production | Ukrainian | 3 | 108 | 2,0 | 3 | Umanets' V. D. Bondarenko H. B. 044-527-82-68 |
| 10. | Technology of Conservation and Processing of Agricultural Products | Ukrainian | 3 | 72 | 1,3 | 2 | Hun'ko S. M. 044-527-86-76 |
| 11. | Microeconomics | Ukrainian | 3 | 144 | 2,7 | 4 | Rudyi M. M. 044-527-82-35 |
| 12. | Computer Networks and Telecommunications | Ukrainian | 4 | 108 | 2,0 | 3 | Matus Yu. V. 044-527-86-07 |
| 13. | Macroeconomics | Ukrainian | 4 | 144 | 2,7 | 4 | Hushcha I. O. 044-527-82-35 |
| 14. | Mathematical Programming | Ukrainian | 4 | 108 | 2,0 | 3 | Klymenko N. A. 044-527-85-67 |
| 15. | Standardization and Quality of Production controlling | Ukrainian | 4 | 108 | 2,0 | 3 | Humeniuk H. D. 044-527-82-78 |
| 16. | Statistics | Ukrainian | 4-5 | 252 | 4,7 | 7 | Kyryliuk O. F. 044-527-86-32 |
| 17. | Ecology | Ukrainian | 5 | 72 | 1,3 | 2 | Ridei N. M. |

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|--|---|-----------|-----|-------------|--------------|------------|-------------------------------------|
| | | | | | | | 044-258-41-22 |
| 18. | Econometrics | Ukrainian | 6 | 72 | 1,3 | 2 | Symonenko O. I. 044-527-86-32 |
| 19. | Trading Investigations | Ukrainian | 7 | 108 | 2,0 | 3 | Hlahoeva I. I. 044-52785-67 |
| 20. | Theory of Economic Analysis | Ukrainian | 7 | 108 | 2,0 | 3 | Atroshchenko S. I. 044-527-86-32 |
| Total for the cycle of mathematical and natural-scientific training | | | | 2916 | 54,0 | 81 | |
| Cycle for professional and practical training | | | | | | | |
| 1. | Labour Protection Principles | Ukrainian | 3 | 72 | 1,3 | 2 | Tkachenko O. M. 044-527-82-99 |
| 2. | Accounting (financial and administrative) | Ukrainian | 4-5 | 288 | 5,3 | 8 | Verbylo O. F. 044-527-85-50 |
| 3. | Audit | Ukrainian | 5 | 72 | 1,3 | 2 | Shatkovs'ka L. S. 044-527-83-61 |
| 4. | Money and Credit | Ukrainian | 5 | 72 | 1,3 | 2 | Kalivoshko O. M. 044-572-85-50 |
| 5. | Enterprise Economy | Ukrainian | 5 | 216 | 2,7 | 6 | Sulima N. M. 044-527-82-29 |
| 6. | Marketing | Ukrainian | 5 | 144 | 2,7 | 4 | Buriak R. I. 044-527-80-04 |
| 7. | Management Principles | Ukrainian | 5 | 216 | 3,3 | 6 | Tonkovyd T. V. 044-527-85-66 |
| 8. | Information Systems in Management | Ukrainian | 6 | 108 | 1,3 | 3 | Soroka P. M. 044-527-86-07 |
| 9. | Logistics | Ukrainian | 6 | 108 | 1,3 | 3 | Haidamak N. V. 044-527-85-66 |
| 10. | Controlling | Ukrainian | 7 | 108 | 2,0 | 3 | Aksentiuk M. M. 044-527-85-66 |
| 11. | Manager's Work Organization | Ukrainian | 7 | 108 | 1,3 | 3 | Horho I. O. 044-527-85-66 |
| 12. | Bases of Foreign Economic Activities | Ukrainian | 7 | 108 | 2,0 | 3 | Dibrova L. V. 044-527-86-61 |
| 13. | Corporation Law | Ukrainian | 7 | 108 | 2,0 | 3 | Horislavs'ka I. V. 044-527-85-71 |
| 14. | Finances | Ukrainian | 7 | 108 | 2,0 | 3 | Korytnyi O. D. 044-527-85-50 |
| 15. | Finances of Enterprises | Ukrainian | 7 | 108 | 1,3 | 3 | Korytnyi O. D. 044-527-85-50 |
| 16. | International Economic Relations | Ukrainian | 8 | 108 | 2,0 | 3 | Dibrova L. V. 044-527-86-61 |
| 17. | Operational Management | Ukrainian | 8 | 144 | 2,7 | 4 | Hor'ovyi V. P. 044-527-85-66 |
| 18. | Labour Relations Law | Ukrainian | 8 | 108 | 2,0 | 3 | Kurkova K. M. 044-527-85-71 |
| 19. | Personnel Management | Ukrainian | 8 | 144 | 2,7 | 4 | Baranovs'ka T. I. 044-527-85-66 |
| Total for the cycle of professional and practical training | | | | 2448 | 45,3 | 68 | |
| Total with the compulsory component | | | | 6300 | 116,4 | 175 | |
| Optional Component for 8.050201 – "Management of Enterprises" | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| 1. | Social Communications | Ukrainian | 1-4 | 144 | 2,7 | 4 | Stepasiuk O. S 044-527-88-81 |
| 2. | Labour Sociology | Ukrainian | 2 | 72 | 1,3 | 2 | Lysenko V. I. 044-527-8-69 |
| 3. | Theory of Systems | Ukrainian | 4 | 72 | 1,3 | 2 | Yastreba M. P. 044-527-86-61 |
| 4. | Emergency Management | Ukrainian | 5 | 72 | 1,3 | 2 | Stebliuk M. I. 044-527-87-65 |
| 5. | Management of Nature Economics | Ukrainian | 5 | 72 | 1,3 | 2 | Il'kiv L. A. 044-527-85-75 |

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|---|--|-----------|---|-------------|-------------|------------|--------------------------------------|
| 6. | Economics of Agriculture | Ukrainian | 6 | 216 | 4,0 | 6 | Sulima N. M. 044-527-85-75 |
| 7. | Economic-Mathematical Modelling | Ukrainian | 6 | 72 | 1,3 | 2 | Poprozman N. V. 044-527-85-67 |
| 8. | Management in AIC | Ukrainian | 6 | 216 | 4,0 | 6 | Myhailov S. I. 044-527-85-66 |
| 9. | Production Organization | Ukrainian | 6 | 72 | 1,3 | 2 | Baranovs'ka O. D. 044-527-85-70 |
| 10. | Analysis of Business and Commercial Activities | Ukrainian | 8 | 108 | 2,0 | 3 | Atroshchenko S. I. 044-527-86-32 |
| Total for the disciplines of the University's choice | | | | 1116 | 20,7 | 31 | |
| Disciplines chosen by students | | | | | | | |
| 1. | Introduction to Speciality | Ukrainian | 1 | 72 | 1,3 | 2 | Mykhailov S. I. 044-527-85-66 |
| 2. | Economics of Labour and Industrial Democracy Relationships | Ukrainian | 3 | 72 | 1,3 | 2 | Lanchenko E. O. 044-527-82-69 |
| 3. | Economics of a Global Agriculture | Ukrainian | 7 | 72 | 1,3 | 2 | Berehovyi V. K. 044-527-86-61 |
| 4. | Banking | Ukrainian | 8 | 72 | 1,3 | 2 | Kruchok S. I. 044-527-88-90 |
| 5. | Bases of Exchange Activities | Ukrainian | 8 | 72 | 1,3 | 2 | Ostapenko M. E. 044-527-81-31 |
| 6. | Entrepreneurship Bases | Ukrainian | 8 | 72 | 1,3 | 2 | Ostapchuk A. D. 044-527-87-07 |
| 7. | Exposure Management | Ukrainian | 8 | 72 | 1,3 | 2 | Kovtun O. A. 044-527-85-73 |
| 8. | Agrarian Consulting Bases | Ukrainian | 8 | 72 | 1,3 | 2 | Rybak L. Kh. 044-527-80-61 |
| 9. | Ethics and Aesthetics | Ukrainian | 1 | 72 | 1,3 | 2 | Vozniuk N. M. 044-527-87-26 |
| 10. | Sociology | Ukrainian | 1 | 90 | 1,7 | 2,5 | Semchyns'kyi K. Yu. 044-527-82-35 |
| 11. | Vital Activity Safety | Ukrainian | 3 | 72 | 1,3 | 2 | Piskunova L. E. 044-527-87-65 |
| 12. | Political Sciences | Ukrainian | 3 | 90 | 1,7 | 2,5 | Semchyns'kyi K. Yu 044-527-82-35 |
| 13. | Logics | Ukrainian | 6 | 72 | 1,3 | 2 | Spodin L. A. 044-527-81-50 |
| 14. | Religious Sciences | Ukrainian | 6 | 72 | 1,3 | 2 | Romanova N. S. 044-527-81-50 |
| 15. | Bases of Psychology and Pedagogy | Ukrainian | 7 | 90 | 1,7 | 2,5 | Yashnyk S. V. 044-257-22-10 |
| 16. | Law Sciences | Ukrainian | 7 | 90 | 1,7 | 2,5 | Marchenko S. I. 044-527-85-71 |
| Total for the disciplines of the students' choice | | | | 1224 | 22,7 | 34 | |
| Total with the optional component | | | | 2340 | 43,3 | 65 | |
| Total with the area of training | | | | 8640 | 160 | 240 | |

* Physical Training is included into the weekly classroom load (30 hours), but it is not an academic credit discipline.

Tentative topics for Bachelor's projects

1. Management of entrepreneurship.
2. Management of managers' work stimulation.
3. Management organization in animal breeding.
4. Communications in a management system and their improvement.
5. Assessment of procedures and methods of preparation and realisation of managerial decisions.
6. Strategies forming for support of enterprise's competitiveness.
7. Small business management.
8. Motivation in a management system: organization practice, ways of improvement.
9. Improvement of a system of a financial labour stimulation.
10. Selection, preparing and using of managerial staff.
11. Strategic and operative planning in an enterprise's management system.
12. Management of marketing commodity policy.
13. Controlling support of an enterprise's development strategy.
14. Planning in a management system: organisation practice, ways of improvement.
15. State administration and regulation of AIC economics.
16. Management of socio-psychological methods while working with personnel.
17. Motivation in a management system: organisation practice, ways of improvement.
18. Increasing of a competitiveness of Ukrainian meat subcomplex on the national and world markets.
19. Anti-recessionary organisation-economical management of an enterprise as of an integrated managing object.
20. Management of a strategic development of agricultural enterprises.

Training EQL “Bachelor” with the shorter training period meant for Junior Specialists

Graduates who have received EQL “Junior Specialist” for the area **6.030601 “Management”** with the specialization:

5.050202 – “Production Organisation”

are admitted to training for EQL “Bachelor” with the shorter (two years) training period after passing the entrance examinations in professional disciplines and eliminating differences in academic curricula.

Curriculum for EQL “Bachelor” with the shorter (two years) training period in the area “Management” meant for Junior Specialists

| Numb er | Academic discipline, practice | Language of Training | Semester | Volume | | | Lecturer, Full Name, Telephone, E-mail |
|---|--|-------------------------|----------|--------|--------------|----------|--|
| | | | | Hours | Credits | | |
| | | | | | Nationa l | ECT S | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and socio-economic training | | | | | | | |
| 1. | Logics | Ukrainian | 6 | 72 | 1,3 | 2 | Spodin L. A. 044-527-81-50 |
| 2. | Religious Sciences | Ukrainian | 6 | 72 | 1,3 | 2 | Romanova N. S. 044-527-81-50 |
| 3. | Philosophy | Ukrainian | 6 | 108 | 2,0 | 3 | Bosenko E. V. 044-527-81-50 |
| 4. | Principles of Psychology and Pedagogics | Ukrainian | 7 | 90 | 1,7 | 2,5 | Yashnyk S. V. 044-257-22-10 |
| 5. | Law Sciences | Ukrainian | 7 | 90 | 1,7 | 2,5 | Marchenko S. I. 044-527-85-71 |
| Total for the cycle of humanitarian and socio-economic training | | | | 432 | 8 | 12 | |
| Cycle of mathematical and natural-scientific training | | | | | | | |
| 1. | Statistics | Ukrainian | 5 | 126 | 2,4 | 3,5 | Kyryliuk O. F. 044-527-86-32 |
| 2. | Ecology | Ukrainian | 5 | 72 | 1,3 | 2 | Ridei N. M. 044-258-41-22 |
| 3. | Econometrics | Ukrainian | 6 | 72 | 1,3 | 2 | Symonenko O. I. 044-527-86-32 |
| 4. | Operations Investigation | Ukrainian | 7 | 108 | 2,0 | 3 | Hlaholeva I. I. 044-52785-67 |
| 5. | Economic Analysis Theory | Ukrainian | 7 | 108 | 2,0 | 3 | Atroshchenko S. I. 044-527-86-32 |
| Total for the cycle of mathematical and natural-scientific training | | | | 486 | 9 | 13,5 | |
| Cycle of professional and practical training | | | | | | | |
| 1. | Accounting (financial and administrative) | Ukrainian | 5 | 144 | 2,6 | 4 | Verbylo O. F. 044-527-85-50 |
| 2. | Audit | Ukrainian | 5 | 72 | 1,3 | 2 | Shatkovs'ka L. S. 044-527-83-61 |
| 3. | Money and Credit | Ukrainian | 5 | 72 | 1,3 | 2 | Kalivoshko O. M. 044-572-85-50 |
| 4. | Enterprise Economy | Ukrainian | 5 | 144 | 2,7 | 4 | Sulima N. M. 044-527-82-29 |
| 5. | Marketing | Ukrainian | 5 | 144 | 2,7 | 4 | Buriak R. I. 044-527-80-04 |
| 6. | Principles of management | Ukrainian | 5 | 180 | 3,3 | 5 | Tonkovyd T. V. 044-527-85-66 |
| 7. | Information Systems in Management | Ukrainian | 6 | 72 | 1,3 | 2 | Soroka P. M. 044-527-86-07 |

| | | | | | | | |
|--|--|-----------|---|-------------|-------------|------------|-------------------------------------|
| 8. | Logistics | Ukrainian | 6 | 72 | 1,3 | 2 | Haidamak N. V. 044-527-85-66 |
| 9. | Controlling | Ukrainian | 7 | 108 | 2,0 | 3 | Aksentiuk M. M. 044-527-85-66 |
| 10. | Manager Work Organization | Ukrainian | 7 | 72 | 1,3 | 2 | Horho I. O. 044-527-85-66 |
| 11. | Bases of Foreign Economic Activities | Ukrainian | 7 | 108 | 2,0 | 3 | Dibrova L. V. 044-527-86-61 |
| 12. | Corporation Law | Ukrainian | 7 | 108 | 2,0 | 3 | Horislavs'ka I. V. 044-527-85-71 |
| 13. | Finances | Ukrainian | 7 | 108 | 2,0 | 3 | Korytnyi O. D. 044-527-85-50 |
| 14. | Finances of Enterprises | Ukrainian | 7 | 72 | 1,3 | 2 | Korytnyi O. D. 044-527-85-50 |
| 15. | International Economic Relations | Ukrainian | 8 | 108 | 2,0 | 3 | Dibrova L. V. 044-527-86-61 |
| 16. | Operational Management | Ukrainian | 8 | 144 | 2,7 | 4 | Hor'ovyi V. P. 044-527-85-66 |
| 17. | Labour Relations Law | Ukrainian | 8 | 108 | 2,0 | 3 | Kurkova K. M. 044-527-85-71 |
| 18. | Personnel Management | Ukrainian | 8 | 144 | 2,7 | 4 | Baranovs'ka T. I. 044-527-85-66 |
| Total for the cycle of professional and practical training | | | | 1980 | 36,5 | 55 | |
| Total with the compulsory component | | | | 2898 | 53,5 | 124 | |
| Optional Component for 8.050201 – “Management of Enterprises” | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| 1. | Emergency Management | Ukrainian | 5 | 72 | 1,3 | 2 | Stebliuk M. I. 044-527-87-65 |
| 2. | Management's of Nature Economics | Ukrainian | 5 | 72 | 1,3 | 2 | Il'kiv L. A. 044-527-85-75 |
| 3. | Economics of Agriculture | Ukrainian | 6 | 216 | 4,0 | 6 | Sulima N. M. 044-527-85-75 |
| 4. | Economic-Mathematical Modelling | Ukrainian | 6 | 72 | 1,3 | 2 | Poprozman N. V. 044-527-85-67 |
| 5. | Management in AIC | Ukrainian | 6 | 216 | 4,0 | 6 | Myhailov S. I. 044-527-85-66 |
| 6. | Production Organization | Ukrainian | 6 | 72 | 1,3 | 2 | Baranovs'ka O. D. 044-527-85-70 |
| 7. | Analysis of Business and Commercial Activities | Ukrainian | 8 | 108 | 2,0 | 3 | Atroshchenko S. I. 044-527-86-32 |
| Total for the disciplines of the University's choice | | | | 828 | 15,2 | 23 | |
| Disciplines chosen by students | | | | | | | |
| 1. | Economics of a Global Agriculture | Ukrainian | 7 | 72 | 1,3 | 2 | Berehovyi V. K. 044-527-86-61 |
| 2. | Banking | Ukrainian | 8 | 72 | 1,3 | 2 | Kruchok S. I. 044-527-88-90 |
| 3. | Principles of Exchange Activities | Ukrainian | 8 | 72 | 1,3 | 2 | Ostapenko M. E. 044-527-81-31 |
| 4. | Entrepreneurship Principles | Ukrainian | 8 | 72 | 1,3 | 2 | Ostapchuk A. D. 044-527-87-07 |
| 5. | Exposure Management | Ukrainian | 8 | 72 | 1,3 | 2 | Kovtun O. A. 044-527-85-73 |
| 6. | Agrarian Consulting Principles | Ukrainian | 8 | 72 | 1,3 | 2 | Rybak L. Kh. 044-527-80-61 |
| Total for the disciplines of the students' choice | | | | 432 | 7,8 | 12 | |
| Total with the optional component | | | | 1260 | 23 | 35 | |
| Total with the area of training | | | | 2916 | 76,5 | 159 | |

Curriculum for EQL “Bachelor” in the area “Management” (with features of the area “Management of Foreign Economic Activities”)

The Curriculum is concluded on the basis of educational and vocational training programs EQL “Bachelor” for “Management”.

The compulsory component of the curriculum consists of 3 training cycles: the humanitarian and social-economic, mathematical and natural-scientific, professional and practical, totaling 6120 hours, 113.3 national credits, and 170 ECTS credits.

The optional component of the curriculum consists of Disciplines chosen by the University and by students totaling 2412 hours, 44.7 national credits, and 67 ECTS credits.

The total time by the curriculum makes up 8640 hours, 1160 national credits, and 240 credits of ECTS.

The curriculum includes:

- writing 9 course projects (works) in: “Economic Theory”, “Microeconomics”, “Labor Economics and Labor Relations”, “Statistics”, “Management in Agriculture”, “Agricultural Economics”, “World Agriculture Economy”, “Basics of Foreign Trade”, “Personnel Management”.
- 8 practical trainings, academic and production.

Training period is 4 years.

State certification comprises a state examination, writing and defending a Bachelor’s paper.

Curriculum for EQL “Bachelor” in the area “Management” (with features of the area “Management of Foreign Economic Activities”)

| Num ber | Academic discipline, practice | Language of Training | Semester | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|---|---|----------------------------------|----------|--------|--------------|----------|---|
| | | | | Hours | Credits | | |
| | | | | | Nation al | ECT S | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and socio-economic training | | | | | | | |
| | History of Ukraine | Ukrainian, English | 1 | 108 | 2,0 | 3 | Lanovliuk L. P. Isakova N. L. 044-527-81-16 |
| | Foreign Language | English, German, French | 1-8 | 684 | 12,7 | 19 | Zelikovs'ka O. O. Prytula L. P. 044-527-81-44 Kononchuk I. V. Kropyvko R. L. 044-527-85-95 |
| | Ukrainian (in professional area) | Ukrainian | 2 | 108 | 2,0 | 3 | Pereval's'ka M. A. 044-527-83-63 |
| | History of Ukrainian culture | Ukrainian | 3 | 108 | 1,3 | 3 | Hryshchenko T. B. 044-527-89-08 |
| | Philosophy | Ukrainian, Russian English | 6 | 108 | 2,0 | 3 | Bosenko E. V. Kravchenko A. H. 044-527-81-50 |
| | Physical Training* | Ukrainian | 1-4 | 288 | 5,3 | 8 | Semerun' V. Z. 044-527-85-21 |
| Total for the cycle of humanitarian and socio-economic training | | | | 1116 | 20,6 | 31 | |
| Cycle of mathematical and natural-scientific training | | | | | | | |
| 1. | Higher Mathematics | Ukrainian, English | 1-2 | 288 | 5,3 | 8 | Ivanova Yu. I. 044-527-82-29 |
| 2. | Economics Theory | Ukrainian | 1-2 | 216 | 4,0 | 6 | Orehkhivs'kyi H. A. 044-527-82-35 |
| 3. | Technology of Plant Growing Production | Ukrainian, English | 1-2 | 252 | 4,7 | 7 | Yermakova L. M. Mokriyenko V. A. 044-527-86-26 |
| 4. | Informatics and Computer Techniques | Ukrainian, English | 1-3 | 288 | 5,3 | 8 | Soroka P. M. Tkachenko O.M. 044-527-86-07 |
| 5. | Animal Breeding Farms Mechanisation | Ukrainian | 2 | 72 | 1,3 | 2 | Rebenko V. I. 044-527-85-35 |
| 6. | Agricultural Machines | Ukrainian | 2 | 108 | 2,0 | 3 | Myronol's'kyi O. M. 044-527-85-37 |
| 7. | Technology of Animal Husbandry Production | Ukrainian, English | 2 | 144 | 2,7 | 4 | Umanets' V. D. Bondarenko H. B. 044-527-82-68 |
| 8. | Microeconomics | Ukrainian, English | 3 | 108 | 2,0 | 3 | Rudyi M. M. Vlasenko Yu. H. 044-527-82-35 |
| 9. | Theory of Probability and Mathematical Statistics | Ukrainian, English | 3 | 108 | 2,0 | 3 | Skrypnyk A. V. Halieva L. V. 044-527-85-67 |
| 10. | Technology of Conservation and Processing of Agricultural Products | Ukrainian, English | 3 | 72 | 1,3 | 2 | Hun'ko S. M. 044-527-86-76 |
| 11. | Plant Protection Bases and Agrochemistry | Ukrainian | 3 | 108 | 2,0 | 3 | Hlym'iaznyi V. A. Lohinova I. V. 044-527-87-61 |
| 12. | Computer Networks and Telecommunications | Ukrainian, English | 4 | 108 | 2,0 | 3 | Matus Y. V. 044-527-86-07 |
| 13. | Macroeconomics | Ukrainian, | 4 | 108 | 2,0 | 3 | Hushcha I. O. |

| | | | | | | | |
|--|--|------------------------------------|-----|-------------|-------------|-----------|---|
| | | English | | | | | 044-527-82-35 |
| 14. | Mathematical Programming | Ukrainian, English | 4 | 108 | 2,0 | 3 | Poprozman N. V. Halaeva L. V. 044-527-85-67 |
| 15. | Standardization and Quality of Production controlling | Ukrainian, English | 4 | 72 | 1,3 | 2 | Humeniuk H. D. 044-527-82-78 |
| 16. | Statistics | Ukrainian, Russian English | 4-5 | 216 | 4,0 | 6 | Stepanenko M. V. Krayevs'kyi V. M. 044-527-86-32 |
| 17. | Ecology | Ukrainian, Russian | 5 | 72 | 1,3 | 2 | Ridey N. M. 044-258-41-22 |
| 18. | Econometrics | Ukrainian, Russian English | 6 | 72 | 1,3 | 2 | Symonenko O. I. Vovchuk T. I. 044-527-86-32 |
| 19. | Trading Investigations | Ukrainian | 7 | 108 | 2,0 | 3 | Hlaholeva I. I. 044-527-85-67 |
| 20. | Theory of Economic Analysis | Ukrainian, English | 7 | 108 | 2,0 | 3 | Plastun O. Ya. Shysh A. M. 044-527-86-32 |
| Total for the cycle of mathematical and natural-scientific training | | | | 2736 | 50,7 | 76 | |
| Cycle for professional and practical training | | | | | | | |
| 1. | Principles of Labour Protection | Ukrainian | 3 | 72 | 1,3 | 2 | Tkachenkop O. M. 044-527-82-99 |
| 2. | Accounting (financial and administrative) | Ukrainian, Russian , English | 4-5 | 288 | 5,3 | 8 | Kuzyk N. P. Boiarova O. A. Suk P. L. 044-527-85-50 |
| 3. | Audit | Ukrainian, Russian English | 5 | 108 | 2,0 | 3 | Rudchenko Yu. S. Zhuk V. M. 044-527-83-61 |
| 4. | Money and Credit | Ukrainian | 5 | 72 | 1,3 | 2 | Zozulia S. V. 044-527-68-90 |
| 5. | Enterprise Economy | Ukrainian, Russian English | 5 | 216 | 2,0 | 6 | Sulima N. M. Herasymchuk N. A. 044-527-85-75 |
| 6. | Marketing | Ukrainian | 5 | 72 | 1,3 | 2 | Buriak R. I. 044-527-80-04 |
| 7. | Management Bases | Ukrainian, Russian , English | 5 | 216 | 2,0 | 6 | Nikulina O. Orehivs'kyi V. H. 044-527-85-66 |
| 8. | Information Systems in Management | Ukrainian, Russian English | 6 | 108 | 1,3 | 3 | Soroka P. M. 044-527-86-07 |
| 9. | Logistics | Ukrainian, Russian English | 6 | 108 | 1,3 | 3 | Hudzyns'kyi O. D. Orehivs'kyi V. H. 044-527-85-66 |
| 10. | Controlling | Ukrainian | 7 | 108 | 1,7 | 3 | Prokhorovych V. O. 044-527-85-66 |
| 11. | Bases of Foreign Economic Activities | Ukrainian | 7 | 108 | 2,0 | 3 | Dibrova L. V. 044-527-86-61 |
| 12. | Corporation Law | Ukrainian | 7 | 108 | 1,7 | 3 | Horislavs'ka I. V. 044-527-85-71 |
| 13. | Labour Relations Law | Ukrainian | 7 | 72 | 1,0 | 2 | Kurkova K. M. 044-527-85-71 |
| 14. | Finances | Ukrainian, English | 7 | 108 | 2,0 | 3 | Zelisko I. M. Yaremchuk M. V. 044-527-85-50 |
| 15. | Finances of Enterprises | Ukrainian, English | 7 | 108 | 2,0 | 3 | Zelisko I. M. Yaremchuk M. V. 044-527-85-50 |
| 16. | International Economic Relations | Ukrainian | 8 | 108 | 2,0 | 3 | Dibrova L. V. 044-527-86-61 |

| | | | | | | | |
|--|---|----------------------------------|-----|-------------|--------------|------------|--|
| 17. | Operational Management | Ukrainian, English | 8 | 72 | 1,3 | 2 | Hor'ovyi V. P. Orehivs'kyi V. H. 044-527-85-66 |
| 18. | Manager's Work Organization | Ukrainian | 8 | 108 | 1,0 | 3 | Horho I. O. 044-527-85-66 |
| 19. | Management Of Personnel | Ukrainian, English | 8 | 108 | 1,3 | 3 | Novak O. V. Orehivs'kyi V. H. 044-527-85-66 |
| Total for the cycle of professional and practical training | | | | 2268 | 43,0 | 63 | |
| Total wit the compulsory component | | | | 6110 | 113,3 | 170 | |
| Optional Component for 8.050206 – “Management of Foreign Economic Activities” | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| . | Social Communications | Ukrainian | 1-4 | 108 | 2,0 | 3 | Ostapchuk A. D. 044-527-87-07 |
| . | Labour Sociology | Ukrainian | 2 | 72 | 1,3 | 2 | Lysenko V. I. 044-527-8-69 |
| . | Theory of Systems | Ukrainian | 4 | 72 | 1,3 | 2 | Yastreb M. P. 044-527-86-61 |
| . | Emergency Management | Ukrainian | 5 | 72 | 1,3 | 2 | Stebliuk M. I. 044-527-87-65 |
| . | Management's of Nature Economics | Ukrainian, Russian English | 5 | 72 | 1,3 | 2 | Il'viv L. A. 044-527-85-75 |
| . | Economic-Mathematical Modelling | Ukrainian, Russian English | 5 | 72 | 1,3 | 2 | Poprozman N. V. Halaeva L. V. 044-527-85-67 |
| . | Marketing of Foreign Economic Activities | Ukrainian, Russian English | 6 | 414 | 7,7 | 11,5 | Sydorenko S. V. Doroshenko N. O. 044-527-86-61 |
| . | Production Organization | Ukrainian, Russian English | 6 | 72 | 1,3 | 2 | Baranovs'ka O. D. Rad'ko V. I. 044-527-85-70 |
| . | Economics of Agriculture | Ukrainian, Russian | 6 | 126 | 2,3 | 3,5 | Sulima N. M. 044-527-85-75 |
| 0. | Foreign Business Activity Analysis | Ukrainian, English | 8 | 72 | 1,3 | 2 | Atroshchenko S. I. Shysh A. M. 044-527-86-32 |
| 1. | Foreign Commercial Activity | Ukrainian | 8 | 108 | 2,0 | 3 | Dibrova L. V. 044-527-86-61 |
| 2. | World Economics and Trade | Ukrainian | 8 | 72 | 1,3 | 2 | Babicheva O. I. 044-527-80-04 |
| Total for the disciplines of the University's choice | | | | 1332 | 24,7 | 37 | |
| Disciplines chosen by students | | | | | | | |
| 1. | Introduction to Agrobusiness | Ukrainian | 1 | 72 | 1,3 | 2 | Mykhailov S. I. 044-527-85-66 |
| 2. | Economics of Labour and Social-Labour Relations | Ukrainian, English | 4 | 108 | 2,0 | 3 | Lanchenko E. O. Tkachuk V. A. 044-527-82-69 |
| 3. | Exposure Management | Ukrainian, Russian | 5 | 72 | 1,3 | 2 | Kovtun O. A. 044-527-85-73 |
| 4. | Economics of a Global Agriculture | Ukrainian, English | 7 | 108 | 2,0 | 3 | Halushko V. P. Faichuk O. M. 044-527-85-40 |
| 5. | Principles of Agrarian Consulting | Ukrainian, English | 8 | 72 | 1,3 | 2 | Kudinova E. P. Kal'na-Dubeniuk T. P. 044-527-80-61 |
| 6. | Bases of Exchange Activities | Ukrainian, English | 8 | 72 | 1,3 | 2 | Ostapenko M. E. Hnyliak V. O. 044-527-81-31 |
| | Ethics and Aesthetics | Ukrainian | 1 | 72 | 1,3 | 2 | Vozniuk N. M. 044-527-87-26 |

| | | | | | | | |
|--|--------------------------|-----------------------|---|-------------|-------------|------------|--------------------------------------|
| | Social Sciences | Ukrainian | 1 | 90 | 1,7 | 2,5 | Semchyns'kyi K. Yu. 044-527-82-35 |
| | Political Sciences | Ukrainian | 3 | 90 | 1,7 | 2,5 | Semchyns'kyi K. Yu. 044-527-82-35 |
| . | Life Safety | Ukrainian | 3 | 72 | 1,3 | 2 | Piskunova L. E. 044-527-87-65 |
| . | Religious Sciences | Ukrainian, Russian | 6 | 72 | 1,3 | 2 | Romanova N. S. 044-527-81-50 |
| . | Logics | Ukrainian, Russian | 6 | 72 | 1,3 | 2 | Spodin L. A. 044-527-81-50 |
| . | Principles of Psychology | Ukrainian | 7 | 90 | 1,7 | 2,5 | Yashnyk S. V. 044-257-22-10 |
| . | Law Sciences | Ukrainian | 7 | 90 | 1,7 | 2,5 | Zarits'ka I. M. 044-257-33-10 |
| Total for the disciplines of the students' choice | | | | 1080 | 20,0 | 30 | |
| Total with the optional component | | | | 2412 | 44,7 | 67 | |
| Total with the area of training | | | | 8640 | 160 | 240 | |

* Physical Training is included into the weekly classroom load (30 hours), but it is not an academic credit discipline.

Tentative topics for Bachelor's projects

1. Foreign economy policy and means of its realization in Ukraine.
2. Organization of international shipping (according to the types).
3. Foreign trade efficiency and its influence over the total firm's profitability.
4. Ukrainian foreign economy's safety under the open economy.
5. Ukraine's place in the world's agricultural market.
6. Peculiarities of the joint ventures' development in Ukrainian agricultural sphere.
7. Leasing operations of the enterprises under functioning on foreign market.
8. Ukraine's agricultural foreign trade with developed countries.
9. Forming of an export potential of a grain branch of Ukraine's agrarian sphere.
10. Foreign experience of management of personnel and possibilities of its usage in Ukraine.
11. Results of Ukraine's membership in WTO: state support of agrarian sector.
12. Modern state and perspectives of attraction of foreign investments to Ukraine's AIC.
13. Ukraine's place in the world's agricultural market.
14. World market conditions of agricultural products (according to the types).
15. Problems of attraction of foreign investments to Ukraine's Economy.
16. Export potential in agricultural market (according to the types) and its realisation in international economical environment.
17. Organization of a system of effective control in the farms that operate in an international market.
18. Foreign economic activities' adaptation of a Ukrainian agricultural complex to the world market's conditions.
19. Ukraine's place in the world's market of the oil-bearing crops production and the ways of its joining to international economical environment.
20. Innovation-technological providing of an agricultural production of the animal breeding branch in developed countries.
21. Peculiarities of forming of bioenergetics' market in Ukraine.
22. Ukraine's potential in a market of a seed-cultural material.
23. Technical regulation of foreign economic activities in Ukraine.
24. Ukraine's foreign trade of crops (according to the types) with the Near East countries.

2.10. TECHNICAL EDUCATIONAL-SCIENTIFIC INSTITUTE

The Institute director

Tel. (044) 527-86-08 E-mail: tech_nni_director@twin.nauu.kiev.ua

Location: educational building № 11, room 334.

The Technical Educational-Scientific Institute includes:

Mechanical-Technological Faculty

The Dean is PhD in Technical Sciences, Professor **Yaroslav Mykolayovych Mychailovich**.

Tel. (044) 527-89-95 E-mail: yaroslav_m@ukr.net

Location: educational building № 11, room 309.

The Faculty conducts training for EQL “Bachelor” in the areas:

6.070101–“Transport Technologies (by transport types)”

6.100102–“Processes, Machinery and Equipment of Agro-industrial Complex”

Qualification of graduates: Engineer of Transport, Engineer of Agricultural Mechanization

Graduates’ academic rights – can continue their study for the Master’s degree majoring in a relevant area from the curricula of undergraduate programs, beginning with the second year of study.

8.091902 “Mechanization of Agriculture”

8.100401 “Organization and Highway Traffic Control”

8.100403 “Organization of Freight Traffic Activity and Transport Management”

or with specialties of the study area “Specific categories”:

8.000001 – “Quality, Standardization and Certification”

8.000005 – “Pedagogics of Higher School”

8.000007 – “Administrative Management”

The Faculty of Machinery Construction and Design and Agricultural and Forestry Farming Equipment

The Dean is PhD in Technical Sciences, Associate Professor **Ivan Rogovskiy**

Tel. (044) 527-81-29 E-mail: meching_dean@twin.nauu.kiev.ua

Location: educational building № 11, room 344.

The Faculty conducts training for EQL “Bachelor” in the areas:

6.050503 – “Mechanical Engineering”

Qualification of graduates: Engineer-Mechanic of Forestry Complex Equipment, Engineer-mechanic of machines and equipment of agriculture

The academic rights of graduates: they can continue their study on Masters’ curriculum in specialties which features are included in the bachelors’ curriculum, beginning with the second year of study:

8.090215 “Machines and Equipment of Agricultural Production”
8.090219 “Forestry Complex Equipment”

or with specialties of the study area “Specific categories”:

8.000001 – “Quality, Standardization and Certification”
8.000005 – “Pedagogics of Higher School”
8.000007 – “Administrative Management”

Bases of students’ practical training: SD NULES of Ukraine “Vorzel” of Kiev region; SD NULES of Ukraine scientific-experimental enterprise “Velikosnitinske after O.V. Muzychenko” of Fastiv district of Kiev region; SD NULES of Ukraine “Agronomy Experimental Station”, village Pshenichne of Vasilkiv district of Kiev region; Agrobuiding alliance ”ASTRA”; Scientific stock company “Ukragroleasing”; Corporation AGKO; Firm ”AMAKO”; Interchair educational – scientific productive diagnostic centre of transport of educational scientific technical institute; State AutoInspection Department of Central Board Ministry of Military Force of Ukraine in Kiev region; Kievpastrans municipal utility enterprise Bus park №1 of Kiev; Closed joint-stock company “Kievtractor component”; Open joint-stock company “Commash”; Closed joint-stock company “ASTRA”; Closed joint-stock company “Kovelsilmach”; Closed joint-stock company Mohiliv-Podilsky machine-building plant; Educational scientific centre IMECT of UAAS; Ukraine scientific research institute PVT;_open joint-stock company “Borex”; Open joint-stock company “Todak”.

Area of training 6.100102 - “Processes, Machinery and Equipment of Agro-Industrial Complex”

Training specialists is conducted at

- **Basic institution of the University (Kyiv);**
- **SA NULES of Ukraine “The Crimean Agrotechnological niversity;**
- **SD of NULES of Ukraine “Nizhyn agrotechnical institute”**
- **SD of NULES of Ukraine “Berezhany Agrotechnical Institute”;**
- **SD of NULES of Ukraine “Nemishayevo Agrotechnical College”;**
- **SD of NULES of Ukraine “Tarashcha NIKP”**

The structure of curriculum of training for EQL “Bachelor” in the area “Processes, Machinery and Equipment of Agro-Industrial Complex”

The Curriculum is concluded on the basis of educational and vocational training programs EQL “Bachelor” for “Processes, Machinery and Equipment of Agro-Industrial Complex”

The compulsory component of the curriculum consists of 3 training cycles: the humanitarian, social-economic, mathematical, natural-scientific and, professional and practical, totaling 5616 hours, 104 national credits and 156 ECTS credits.

The optional component of the curriculum consists of the subjects Disciplines chosen by the University and by students, professional and practical training, totaling 3024 hours, 56 national credits and 84 ECTS credits.

The total time by the curriculum makes up 8640 hours, 160 national credits, 240 ECTS credits.

The curriculum includes:

- writing 10 course projects (works) in: “Theory of Mechanisms and Machines”, “Tractors and Trucks”, “Agricultural Machines”, “Machine Components”, “Lift-Transport Machines”, “Technical Service in AIC”, “Repair of Machines and Equipment”; “Using of Machines in Livestock Breeding”; “Machines, and Equipment Exploitation”; “Interchangeability, Standardization And Technical Measuring”.
- 6 practical training: academic, production, technological.

Training period is 4 years.

State certification comprises a state examination, writing and defending a Bachelor’s paper.

Curriculum for EQL “Bachelor” in the area “Processes, Machinery and Equipment of Agro-Industrial Complex”

| Number | Academic Discipline, Practice | Language of Training | Term | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|--|---|-------------------------|---------|--------|----------|------|---|
| | | | | Hours | Credits | | |
| | | | | | National | ECTS | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and social economic training | | | | | | | |
| 1 | History of Ukrainian culture | Ukrainian | 1 | 72 | 1,3 | 2,0 | Kravchenko N.B (044) 527-81-16 culturolog@twin.nauu.kiev.ua |
| 2 | Foreign language | English, German, French | 1,2,3 | 180 | 3,3 | 5,0 | Chapala L.I., Yakushko K.Y., Polezhako V.I., Hlukhovska N.A., Kanivets O.M., Makhinova M.V., Zuyenko N.O., (044) 527-81-81 engl_chair@nauu.kiev.ua |
| 3 | History of Ukraine | Ukrainian | 1 | 108 | 2 | 3,0 | Kravchenko N.B (044) 527-81-16 culturolog@twin.nauu.kiev.ua |
| 4 | Ukrainian (in professional area) | Ukrainian | 1 | 108 | 2 | 3,0 | Tepla O.M. (044) 527-83-63 pailol_centra@twin.nauu.kiev.ua |
| 5 | Philosophy | Ukrainian | 5 | 108 | 2 | 3,0 | Horbatiuk T.V., Mudrak V.I (044) 527-81-50 philosopher@twin.nauu.kiev.ua |
| 6 | Physical training* | Ukrainian | 1,2,3,4 | | | | Verbytskyi S.O. (044) 527-80-33 sports@twin.nauu.kiev.ua |
| Total for the cycle of humanitarian and social economic training | | | | 576 | 10,6 | 16 | |
| Cycle of mathematical and natural-scientific training | | | | | | | |
| 1 | Physics | Ukrainian | 1,2 | 198 | 4,0 | 5,5 | YI'in P.P., Humenyuk Ya.O. Boyko_v@i.ua |
| 2 | Descriptive geometry and computer drawing | Ukrainian | 1,2 | 198 | 4,0 | 5,5 | Pylipaka S.F. (044) 527-81-85 geometry@twin.nauu.kiev.ua |
| 3 | Higher mathematics | Ukrainian | 1,2,3 | 396 | 7,0 | 11,0 | Konishev V.S., Ovchar R.F. Kovtun I.I. (044) 527-80-91 ypmath@twin.nauu.kiev.ua |
| 4 | Chemistry | Ukrainian | 2 | 108 | 2,0 | 3,0 | Ponomaryeva I.G. (044) 527-80-32 ollchem_chair@twin.nauu.kiev.ua |
| 5 | Theory of mechanisms and machines | Ukrainian | 3,4 | 144 | 3,0 | 4,0 | Yeremenko O.I., Chernish O.M. (044) 527-82-63 Mechanic chair@twin.nauu.kiev.ua |

| | | | | | | | |
|---|--|-----------|-----|-----|-----|-----|---|
| 6 | Theoretical mechanics | Ukrainian | 2,3 | 180 | 3,5 | 5,0 | Lytvynov O.I., Holovach I.V. (044) 527-82-63 mechanic_chair@twin.nauu.kiev.ua |
| 7 | Mechanics of materials and constructions | Ukrainian | 3,4 | 216 | 4,0 | 6,0 | Chausov M.G. (044) 527-83-25 chausov@nauu.kiev.ua stream chair@twin.nauu.kiev.ua |

| | | | | | | | |
|--|--|--|--|------|------|----|--|
| Total for the cycle of mathematical and natural-scientific training | | | | 1440 | 27,5 | 40 | |
|--|--|--|--|------|------|----|--|

Cycle of professional and practical training

| | | | | | | | |
|----|---|-----------|-------|-----|-----|------|--|
| 8 | Computers and computing techniques | Ukrainian | 2 | 108 | 2,0 | 3,0 | Shukailo YE.M. (044) 527-82-22 avto.ee@gmail.com |
| 9 | Material science and technology of constructing materials | Ukrainian | 2,3 | 216 | 4,0 | 6,0 | Semenovskiy O.YE. (044) 527-81-26 machinebuild center@twin.nauu.kiev.ua |
| 10 | Fuel – oil and other exploitation materials | Ukrainian | 3 | 90 | 1,5 | 2,5 | Okocha A.I. (044) 527-88-53 techserv_chair@twin.nauu.kiev.ua |
| 11 | Tractors and automobiles | Ukrainian | 3,4,5 | 360 | 7,0 | 10,0 | Shkarivskiy G.V., Pozhydayiv S.P., Beshun O.A., (044) 527-82-15 tractor_chair@twin.nauu.kiev.ua |
| 12 | Agricultural machines | Ukrainian | 4,5,6 | 396 | 7,5 | 11,0 | Voitiuk D.G., Martishko V.M., Yamkov O.V. (044) 527-85-37 pitz@twin.nauu.kiev.ua |
| 13 | Machines components | Ukrainian | 5 | 144 | 3,0 | 4,0 | Sivak I.M., Korobko M.M., (044) 527-87-34 nik_nik_kor_@bigmir.net |
| 14 | Machines and equipment for cattle breeding | Ukrainian | 6 | 126 | 2,5 | 3,5 | Man'ko V.M. (044) 527-85-35 mechaniz_chair@twin.nauu.kiev.ua |
| 15 | Lift-transport machines | Ukrainian | 6 | 90 | 1,5 | 2,5 | Korobko M.M., (044) 527-87-34 nik_nik_kor_@bigmir.net |
| 16 | Machinery and equipment for products processing | Ukrainian | 7 | 108 | 2,0 | 3,0 | Tkachuk A.I., Sarana V.V. (044) 527-80-86 Mechexch_chair@twin.nauu.kiev.ua |
| 17 | Labour protection and life safety | Ukrainian | 7,8 | 162 | 3,0 | 4,5 | Honcharov F.I., Kalivoshko M.F. (044) 527-82-99 OP_chair@twin.nauu.kiev.ua |
| 18 | Technical service in AIS | Ukrainian | 7,8 | 216 | 4,0 | 6,0 | Nadtochyi O.V. (044) 527-88-53 techserv_chair@twin.nauu.kiev.ua |

| | | | | | | | |
|---|---|-----------|-------|-------------|-------------|--------------|--|
| 19 | Repair of machinery and equipment | Ukrainian | 7,8 | 180 | 3,5 | 5,0 | Kostashchuk M.A. (044) 527-85-20 CIRM2006@jindex.ru |
| 20 | Machines using in processing branch | Ukrainian | 8 | 90 | 1,5 | 2,5 | Datsyhin O.V. (044) 527-80-86 Mechexch_chair@twin.nauu.kiev.ua |
| 21 | Machines use in cattle breeding | Ukrainian | 8 | 90 | 1,5 | 2,5 | Zabolot'ko O.O. (044) 527-85-35 <u>mechaniz</u> <u>chair@twin.nauu.kiev.ua</u> |
| 22 | Exploitation of machinery and equipment | Ukrainian | 8 | 108 | 2,0 | 3,0 | Shatrov P.V. (044) 527-88-53 <u>techserv_chair@twin.nauu.kiev.ua</u> |
| 23 | Economics of Agrarian production | Ukrainian | 8 | 108 | 2,0 | 3,0 | Cherednichenko O.O. (044) 527-85-75 |
| Total for the cycle of professional and practical training | | | | 2592 | 48,5 | 72,0 | |
| Total with the compulsory component | | | | 4896 | 93.0 | 136.0 | |
| Optional component for 8.091902 – “Mechanization of Agriculture” | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| 1 | Technology of production and processing agricultural products | Ukrainian | 2,3,4 | 180 | 3,5 | 5,0 | Dudchenko V.M., (044) 527-81-18 |
| 2 | Engineering ecology | Ukrainian | 4 | 54 | 1.0 | 1.5 | Honcharov F.I., (044) 527-82-99 <u>OP_chair@twin.nauu.kiev.ua</u> |
| 3 | Hydraulic and pneumatic systems of agriculture machinery | Ukrainian | 6,7 | 180 | 3,5 | 5,0 | Volyanskyi M.S. (044) 527-85-37 <u>pitz@twin.nauu.kiev.ua</u> |
| 4 | Hydraulics | Ukrainian | 4 | 108 | 2,0 | 3,0 | Karpus' O.T. (044) 527-87-48 <u>karpus@twin.nauu.kiev.ua</u> |
| 5 | Electro drive and automation | Ukrainian | 7.8 | 180 | 3,5 | 5,0 | Lavrinenko O.M. (044) 527-82-15 <u>Elektrifi_dean@twin.nauu.kiev.ua</u> |
| 6 | Electro techniques and electronics | Ukrainian | 6 | 126 | 2,5 | 3,5 | Lavrinenko O.M. (044) 527-82-15 <u>Elektrifi_dean@twin.nauu.kiev.ua</u> |
| 7 | Interchangeability standardization and technical measuring | Ukrainian | 6 | 108 | 2,0 | 3,0 | Mel'nik V.I. (044) 527-85-20 CIRM2006@jindex.ru |
| 8 | Heat engineering | Ukrainian | 5 | 108 | 2,0 | 3,0 | Mishchenko A.V. (044) 527-87-48 MAVM@ukr.net |
| Total for the disciplines of the University's choice | | | | 1044 | 20,0 | 29,0 | |
| Disciplines chosen by students | | | | | | | |
| 1 | Economic theory | Ukrainian | 5 | 72 | 1,5 | 2,0 | Poberezhets' T.I. (044) 527-82-35 <u>Ekteor_chair@twin.nauu.kiev.ua</u> |
| 2 | Sociology | Ukrainian | 6 | 72 | 1,5 | 2,0 | Volobuyev V.I. (044) 527-81-71 <u>Soc_polit@mail.ru</u> |
| 3 | Politology | Ukrainian | 7 | 72 | 1,5 | 2,0 | Hrabovskiy O.V. (044) 527-82-48 <u>Soc_polit@mail.ru</u> |

| | | | | | | | |
|--|---|-----------|---|-------------|-------------|-------------|---|
| 4 | Jurisprudence | Ukrainian | 7 | 72 | 1,5 | 2,0 | Bol'shakov V.N. (044) 257-33-10 agrlandeco@yandex.ru |
| 5 | System "Machine-field" | Ukrainian | 6 | 108 | 2,0 | 3,0 | Smolinskyi S.V. Aniskevich L.V. (044) 527-85-37 pitz@twin.nauu.kiev.ua |
| 6 | Mechanical-technological properties of agricultural materials | Ukrainian | 5 | 90 | 1,5 | 2,5 | Chausov M.G. (044) 527-83-25 chausov@nauu.kiev.ua stream chair@twin.nauu.kiev.ua |
| 7 | Principles of automobiles and mobile agricultural machinery driving | Ukrainian | 4 | 108 | 2,0 | 3,0 | Romaniuk O.M. (044) 527-85-20 CIRM2006@jindex.ru |
| 8 | History and philosophy of agricultural machinery | Ukrainian | 6 | 90 | 1,5 | 2,5 | Shkvira Z.A. (044) 527-88-53 techserv_chair@twin.nauu.kiev.ua |
| 9 | Management and marketing | Ukrainian | 8 | 108 | 2,0 | 3,0 | Shevchik M.G. (044) 527-80-04 |
| Total for the disciplines of the students' choice | | | | 504 | 9,0 | 14,0 | |
| Total with the optional component | | | | 1548 | 29,0 | 43,0 | |
| Practical training | | | | 1116 | 21,0 | 31,0 | |
| Examination sessions | | | | 792 | 15,0 | 22,0 | |
| Diploma project preparation and state certification | | | | 288 | 5,5 | 8,0 | |
| Total with the area of training | | | | 8640 | 160 | 240 | |

* Physical Training is included into the weekly classroom load (30 hours), but it is not an academic credit discipline.

Tentative topics for Bachelor's projects

1. Improvement of general construction of serial tractors of 1.4 class for work with mounted machines on reverse.
2. Improvement of diesel fuel system of grain-harvester combine with improved economic and ecological indices.
3. Improvement of engine cooling system of cargo automobile.
4. Working out of system of separate aggregating blocks of technological modules with energy means.
5. Working out of system providing automatic stop of engine in emergency situations.
6. Improvement of technical service and repair of auto tractor equipment in the shop.
7. Substantiation of work processes of agricultural machines and improvement of their working organs.
8. Mechanization of agricultural crops growing with improvement of working organs of soil cultivating, sowing and planting machines, machines for applying fertilizers and plants protection.
9. Mechanization of agricultural crops harvesting with improvement of harvesting machines working organs.
10. Working out of technological modules to the lightest mobile power mode.
11. Improvement of agricultural machines constructions.
12. Shop of grain processing with improvement (development) of millstone, stubble grinding machine, grain moistener, upholstery machine.
13. Definition of machines complexes composition for crop growing products production.
14. Working out of mechanized process of growing and harvesting of agricultural crops.
15. Definition of composition of machine-tractors park industry of different organizational property forms.
16. Elaboration and reequipment of technical services stations for farmings of different organizational forms.
17. Substantiation of technical service system.
18. Technical service station of separate systems (working parts, engine, steering) of agricultural machines and tractors.
19. Improvement of technical service organization of auto parks works.
20. Technical service of transport means of (KAMAZ, KRAZ, etc.)
21. Station of technical service of machines and equipment of mini forage preparing shop with improvement of grain grinding.
22. Technical reequipment of repairing-servicing base of farming with detailed working out of section.
23. Reconstruction of central repairing shop of farm.
24. Improvement of technological process (repair, restoration ect.) of details in the condition of ROB farming.
25. Working out of technological process (repair, renewal) of detail, assembly, aggregate.
26. Line mechanization from (servicing, maintenance, products production of animal husbandry with improvement (working out) assembly (aggregate) or equipment line set.
27. Shop for combined forage preparation (forage mixtures) for different animals groups or poultry with improvement (working out) assembly (aggregate) or equipment line set.
28. Dairy farm with improvement (working out) assembly (aggregate) means of first milk processing (milk cleaner, milk coolant, milk pasteurization, butter separator, tank-coolant).
29. Station of preparation of vitaminic flour with improvement (working out) of assembly (aggregate).
30. Processing line of fatless soybean for pig farm with the working out.

Training EQL “Bachelor” with the shorter training period meant for Junior Specialists

Graduates who have received EQL “Junior Specialist” for the area **6.100102 - “Processes, Machinery and Equipment of Agricultural Production”** with the specialization:

5.10010201 - “Exploitation and Repair of Machinery and Equipment of Agricultural Production”

5.10010202 - “Exploitation and Repair of Land- Reclamation, Constructing Machinery and Equipment”

5.10010203 - “Exploitation and Repair of Equipment of Forestry Complex”

are admitted to training for EQL “Bachelor” with the shorter (two years) training period after passing the entrance examinations in professional disciplines and eliminating differences in academic curricula.

Curriculum for EQL “Bachelor” with the shorter (two years) training period in the area “Processes, Machinery and Equipment of Agricultural Production” meant for Junior Specialists

| Number | Academic Discipline, Practice | Language of Training | Semester | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|---|-------------------------------|-------------------------|----------|--------|----------|------|---|
| | | | | Hours | Credits | | |
| | | | | | National | ECTS | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and socio-economic training | | | | | | | |
| 1 | Cultural Science | Ukrainian | 1 | 54 | 1,0 | 1,5 | Pantaliyenko V.V (044) 257-89-05 |
| 2 | Foreign language | English, German, French | 1 | 54 | 1,0 | 1,5 | Chapala L.I., Yakushko K.Y., Polezhako V.I., Hlukhovska N.A., Kanivets O.M., Makhinova M.V., ZuyenkoN.O., (044) 527-81-81 engl_chair@nauu.kiev.ua |
| 3 | Psychology | Ukrainian | 3 | 54 | 1,0 | 1,5 | Denezhna S.O. (044) 527-85-37 |
| 4 | Sociology | Ukrainian | 2 | 53 | 1,0 | 1,5 | Volobuyev V.I. (044) 527-81-71 Soc_polit@mail.ru |
| 5 | Philosophy | Ukrainian | 2 | 54 | 1,0 | 1,5 | Mudrak.V.I (044) 527-81-50 philosopher@twin.nauu.kiev.ua |
| 6 | Physical training | Ukrainian | 1,2 | 162 | 2,0 | 3,0 | Verbitskyi S.O. (044) 527-80-33 sports@twin.nauu.kiev.ua |
| Total for the cycle of humanitarian and social- economic training | | | | 432 | 8 | 12 | |
| Cycle of mathematical and natural-scientific training | | | | | | | |
| 1 | Higher mathematics | Ukrainian | 1,2 | 162 | 3,0 | 4,5 | Konishev V.S., Ovchar R.F. Kovtun I.I. (044) 527-80-91 ypmath@twin.nauu.kiev.ua |

| | | | | | | | |
|--|---|-----------|-----|------------|-----------|-----------|---|
| 2 | Computer and computing techniques | Ukrainian | 1,2 | 81 | 1,5 | 2,5 | Shukailo YE.M. (044) 527-82-22 avto.ee@gmail.com |
| 3 | Descriptive geometry and computer drawing | Ukrainian | 1 | 54 | 1,0 | 1,5 | Pylypaka S.F. (044) 527-81-85 geometry@twin.nauu.kiev.ua |
| 4 | Chemistry | Ukrainian | 1 | 54 | 1,0 | 1,5 | Ponomaryeva I.G. (044) 527-80-32 ollchemchair@twin.nauu.kiev.ua |
| 5 | Physics | Ukrainian | 1,2 | 108 | 2,0 | 3,0 | Yl'in P.P., Humenyuk Ya.O. Boyko v@I.ua |
| 6 | Material Science and Technology of constructing materials | Ukrainian | 2 | 54 | 1,0 | 1,5 | Semenovskiy O.YE. (044) 527-81-26 machinebuildcenter@twin.nauu.kiev.ua |
| 7 | Theoretical mechanics | Ukrainian | 1 | 81 | 1,5 | 2,5 | Lytvynov O.I., Holovach I.V. (044) 527-82-63 mechanic_chair@twin.nauu.kiev.ua |
| 8 | Theory of mechanisms and machines | Ukrainian | 2 | 81 | 1,5 | 2,5 | Yeremenko O.I., Chernish O.M. (044) 527-82-63 Mechanic chair@twin.nauu.kiev.ua |
| 9 | Fuel-oil and other exploitation materials | Ukrainian | 2 | 54 | 1,0 | 1,5 | Okocha A.I. (044) 527-88-53 techserv_chair@twin.nauu.kiev.ua |
| 10 | Mechanics of materials and constrictions | Ukrainian | 2 | 81 | 1,5 | 2,5 | Chausov M.G. (044) 527-83-25 chausov@nauu.kiev.ua stream_chair@twin.nauu.kiev.ua |
| Total for the cycle of mathematical and natural-scientific training | | | | 810 | 15 | 24 | |
| Cycle of professional and practical training | | | | | | | |
| 1 | Tractors and automobiles | Ukrainian | 2 | 108 | 2,0 | 3,0 | Shkarivskiy G.V., Pozhydayiv S.P., Beshun O.A., (044) 527-82-15 tractor_chair@twin.nauu.kiev.ua |
| 2 | Machines components and principles of construction | Ukrainian | 3 | 81 | 1,5 | 2,5 | Sivak I.M., Korobko M.M., (044) 527-87-34 nik_nik_kor@bigmir.net |
| 3 | Lift-transport machines | Ukrainian | 3 | 54 | 1,0 | 1,5 | Korobko M.M., (044) 527-87-34 nik_nik_kor@bigmir.net |
| 4. | Agricultural Machinery | Ukrainian | 3 | 134 | 2,5 | 3,5 | D.G.Voitiuk; V.M.Martyshko; O.V. Yamkov (044) 527-84-26 pitz@twin.nauu.kiev.ua |
| 5. | Technology of Agricultural | Ukrainian | 3 | 81 | 1,5 | 2,5 | V.M.Dudchenko (044) 527-81-18 |

| | | | | | | | |
|--|---|-----------|---|-------------|-----------|-----------|---|
| | Production | | | | | | |
| 6. | Heating Engineering | Ukrainian | 3 | 54 | 1,0 | 1,5 | A.V.Mishchenko (044) 527-80-97 MAVM@ukr.net |
| 7. | Electric Technique and Electronics | Ukrainian | 3 | 81 | 1,5 | 2,5 | Mrachkovskyi |
| 8. | Machines and Equipment for Animal Husbandry | Ukrainian | 3 | 81 | 1,5 | 2,5 | V.M.Maniko (044) 527-85-35 mechaniz_chair@twin.nauu.kiev.ua |
| 9. | Machines and Equipment for Agricultural Products Processing and Storage | Ukrainian | 3 | 81 | 1,5 | 2,5 | A.I. Tkachuk, V.V.Sarana (044) 527-87-69 mechexch_chair@twin.nauu.kiev.ua |
| 10. | Machines Usage in Crop Growing | Ukrainian | 4 | 108 | 2,0 | 3,0 | P.V.Shatrov (044) 527-88-53 techserv_chair@twin.nauu.kiev.ua |
| 11. | Maintenance of Agro- industrial Complex | Ukrainian | 4 | 108 | 2,0 | 3,0 | M.I. Denysenko (044) 527 527-88-53 techserv_chair@twin.nauu.kiev.ua |
| 12. | Electrical Drive and Automation | Ukrainian | 4 | 81 | 1,5 | 2,5 | O.M.Lavrinenko (044) 527-85-22 elektrifi_dean@twin.nauu.kiev.ua |
| 13. | Repair of Machines and Equipment | Ukrainian | 4 | 81 | 1,5 | 2,5 | Z.V. Ruzhylo (044) 527-85-20 CIRM2006@index.ru |
| 14. | Economics of Agricultural Production | Ukrainian | 4 | 81 | 1,5 | 2,5 | O.O.Cherednychenko (044) 527-85-75 |
| 15. | Hydraulics | Ukrainian | 2 | 54 | 1,0 | 1,5 | O.T. Karpus (044) 527-80-97 karpus@nauu.kiev.ua |
| Total for the cycle of professional and practical training course | | | | 1268 | 23 | 37 | |
| Total with the compulsory component | | | | 2510 | 46 | 73 | |
| Optional Component for 8.091902- "Agricultural Mechanization" | | | | | | | |
| Disciplines by the University choice | | | | | | | |
| 1. | „Machine-Field” System | Ukrainian | 3 | 81 | 1,5 | 2,5 | S.V.Smolinskyi L.V.Aniskevych (044) 527-84-26 pitz@twin.nauu.kiev.ua |
| 2. | History and Philosophy of Technique | Ukrainian | 2 | 54 | 1,0 | 1,5 | Z.A. Shkvyra (044) 527-88-53 techserv_chair@twin.nauu.kiev.ua |
| 3. | Grounds of Discrete Mathematics | Ukrainian | 2 | 54 | 1,0 | 1,5 | O.M. Neshchadym (044) 527-85-37 vpmath@nauu.kiev.ua |
| 4. | Interference, | Ukrainian | 4 | 108 | 2,0 | 3,0 | V.I.Melnyk |

| | | | | | | | |
|---|--|-----------|---|-------------|-------------|-------------|---|
| | Standards and Technical Measuring | | | | | | (044) 527-85-20 CIRM2006@index.ru |
| 5. | Standards and Certification of Technique and Equipment | Ukrainian | 3 | 54 | 1,0 | 1,5 | V.I. Rubliov (044) 527-88-53 techserv chair@twin.nauu.kiev.ua |
| Total for the disciplines of the University's choice | | | | 351 | 7,0 | 10,0 | |
| Disciplines chosen by students | | | | | | | |
| 1. | Drivers' Training | Ukrainian | 3 | 81 | 1,5 | 2,5 | A.I.Syvoraksha (044) 527-88-57 Kafedra TT @bigmir.net |
| 2. | Hydro Drive of Agricultural Technique | Ukrainian | 4 | 108 | 2,0 | 3,0 | O.M.Pohorilets (044) 527-85-3 pitz@twin.nauu.kiev.ua |
| 3. | Energy Storage and Recreating Energy Sources | Ukrainian | 4 | 108 | 2,0 | 3,0 | |
| Total for the disciplines of the students' choice | | | | 297 | 6,0 | 9,0 | |
| Total with optional component | | | | 648 | 13,0 | 19,0 | |
| Total with the area of training | | | | 3158 | 58 | 91 | |

Area of training 6.070101 – “Transport Technologies” (by transport types)

Training is carried out in:

- - **Basic institution of the University (Kyiv);**
- **SA NULES of Ukraine “Nizhin agrotechnical institute” ;**
- **SA NULES of Ukraine “Nemishayevo agrotechnical college”.**

The structure of curriculum of training for EQL “Bachelor” in the area “Transport Technologies (by transport types)”.

The Curriculum is concluded on the basis of educational and vocational training programs EQL “Bachelor” for “Transport Technologies (by transport types)”.

The compulsory component of the curriculum consists of 3 training cycles: the humanitarian, socio-economic, mathematical and natural-scientific, professional and practical, totaling 5616 hours, 104 national credits, 156 ECTS credits.

The optional component of the curriculum consists of 2 training cycles: Disciplines chosen by the University and by students totaling 3024 hours, 56 national credits, 84 ECTS credits.

The total time by the curriculum makes up 8640 hours, 160 national credits, 240 ECTS credits.

The curriculum envisages :

- writing 6 course projects (works) in: “Technical Mechanics”, “Vehicle Systems Operation Research” , “Theoretical Grounds of Transporting Processes and Systems”, “Cargo Transportation”, “Vehicle Types Interaction”, “Logistics”.
- 4 practical training: academic, production and technological.

Training period is 4 years.

State certification comprises a state examination, writing and defending a Bachelor’s paper.

Curriculum for EQL “Bachelor” in the area “Transport Technologies (by transport types)”

| Academic Discipline, Practice | Language of Training | Semester | Amount | | |
|--|-------------------------------|----------|--------|----------|------|
| | | | Hours | Credits | |
| | | | | National | ESTC |
| Compulsory Component | | | | | |
| Cycle of humanitarian and social- economic training | | | | | |
| History of Ukrainian Culture | Ukrainian | 1 | | 1,3 | 2,0 |
| Foreign Language | English, German, French | 1,2,3 | | 3,3 | 5,0 |
| Physical Training * | Ukrainian | 1,2,3,4 | | | |
| History of Ukraine | Ukrainian | 1 | | 2,0 | 3,0 |
| Ukrainian Language (professional skills) | Ukrainian | 1 | | 2,0 | 3,0 |
| Philosophy | Ukrainian | 5 | | 2,0 | 3,0 |
| humanitarian and social economics training | | | 576 | 10,6 | 16 |
| Cycle of mathematical and natural- scientific training | | | | | |
| Physics | Ukrainian | 1 | 108 | 2,0 | 3,0 |
| Engineering and Computer Graphics | Ukrainian | 1 | 108 | 2,0 | 3,0 |
| Higher Mathematics | Ukrainian | 1,2,3 | 324 | 6,0 | 9,0 |
| Chemistry | Ukrainian | 2 | 108 | 2,0 | 3,0 |
| Technical Mechanics | Ukrainian | 2 | 108 | 2,0 | 3,0 |
| Computer Techniques and Programming | Ukrainian | 3,4 | 162 | 3,0 | 4,5 |

| | | | | | |
|---|-----------|-----|--------|------|-------|
| | | | | | |
| amics of Transporting-Pulling Machines | Ukrainian | 3 | 108 | 2,0 | 3,0 |
| ory of Probability and Mathematic Statistics | Ukrainian | 4 | 90 | 1,5 | 2,5 |
| e of mathematical and natural sciences training | | | 1116 | 20,5 | 31,0 |
| Cycle of professional and practical training | | | | | |
| inciples | Ukrainian | 3 | 108 | 2,0 | 3,0 |
| ic Course of Transport | Ukrainian | 4 | 108 | 2,0 | 3,0 |
| eration Research in Vehicle Systems | Ukrainian | 3,4 | 180 | 3,5 | 5,0 |
| oretical Grounds of Systems and Control | Ukrainian | 4,5 | 162 | 3,0 | 4,5 |
| oretical Grounds of Vehicle Processes and Systems | Ukrainian | 4,5 | 162 | 3,0 | 4,5 |
| ounds of Ecology | Ukrainian | 6 | 54 | 1,0 | 1,5 |
| ormative Systems and Technologies | Ukrainian | 5,6 | 162 | 3,0 | 4,5 |
| ading Transportation | Ukrainian | 5,6 | 180 | 3,5 | 5,0 |
| engers' nsportation | Ukrainian | 6,7 | 180 | 3,5 | 5,0 |
| ounds of Management and Marketing | Ukrainian | 6 | 108 | 2,0 | 3,0 |
| Interference of Vehicle Types | Ukrainian | 6,7 | 180 | 3,0 | 5,0 |
| ounds of Transport Economics | Ukrainian | 7,8 | 180 | 3,0 | 5,0 |
| nsporting Laws | Ukrainian | 7,8 | 180 | 3,0 | 5,0 |
| gistics | Ukrainian | 8 | 108 | 2,0 | 3,0 |
| bor and Vital Activity Protection | Ukrainian | 7,8 | 144 | 2,5 | 4,0 |
| p professional and practical training | | | 2124,0 | 40,0 | 59,0 |
| mpulsory component | | | 4104,0 | 60,5 | 114,0 |
| Optional Component for 8.100401 – “Traffic Organization and Regulation” | | | | | |

| Disciplines chosen by the University | | | | |
|--|--|-----------|---|------------|
| 1. | Normative Grounds of State Traffic Control Service | Ukrainian | 3 | 90 |
| 2. | Fuel- Lubricating and other Exploitation Materials | Ukrainian | 4 | 108 |
| 3. | Exploitation Properties of Automobile Roadways and Constructions | Ukrainian | 5 | 90 |
| 4. | Traffic Organization | Ukrainian | 5 | 90 |
| 5. | Ecological Characteristics of Traffic Organization Schemes | Ukrainian | 8 | 54 |
| 6. | Automated Traffic Control Systems | Ukrainian | 7 | 54 |
| 7. | Technical Maintenance and Repair of Vehicles | Ukrainian | 8 | 108 |
| 8. | Vehicle Safety | Ukrainian | 8 | 54 |
| Total for the disciplines of the University's choice | | | | 140 |
| Disciplines chosen by students | | | | |
| 1. | Principles of Specialty** | Ukrainian | 1 | 54 |
| 2. | Economic Theory** | Ukrainian | 5 | 72 |
| 3. | Sociology** | Ukrainian | 6 | 72 |
| 4. | Politic Studying ** | Ukrainian | 7 | 72 |
| 5. | Law Studying ** | Ukrainian | 7 | 72 |
| 6. | Grounds of Transporting Psychology | Ukrainian | 2 | 90 |
| 7. | Grounds of Custom Laws | Ukrainian | 2 | 90 |
| 8. | Grounds of Criminal Studying | | 2 | 90 |
| 9. | Traffic Rules | Ukrainian | 3 | 126 |
| 10. | Road Accidents Examination | Ukrainian | 5 | 54 |
| 11. | Road Ways Studying | Ukrainian | 5 | 54 |
| Optional Component for 8.100403 – “Transportation and transport man | | | | |
| Disciplines chosen by the University | | | | |
| 12. | Bolster Type Transport Machines | Ukrainian | 4 | 108 |
| 13. | Low Energy Consum-ption and Restored Energy Sources | Ukrainian | 4 | 90 |

| | | | | |
|--|--|-----------|---|------------|
| 14. | Exploitation Properties of Vehicles | Ukrainian | 4 | 54 |
| 15. | Hygiene to Replace Animals and Animal Husbandry Products | Ukrainian | 6 | 108 |
| 16. | Technology of Storing Agricultural Products during Transportation | Ukrainian | 7 | 108 |
| 17. | Transporting Planning within Agro-industrial Complex | Ukrainian | 6 | 72 |
| 18. | Organization of International Automobile Replacement | Ukrainian | 7 | 126 |
| 19. | Technological- Transporting Processes within Agricultural Production | Ukrainian | 8 | 90 |
| Disciplines chosen by students | | | | |
| 20. | Introduction to Specialty** | Ukrainian | 1 | 54 |
| 21. | Economic Theory** | Ukrainian | 5 | 72 |
| 22. | Sociology** | Ukrainian | 6 | 72 |
| 23. | Political Science ** | Ukrainian | 7 | 72 |
| 24. | Law ** | Ukrainian | 7 | 72 |
| 25. | “Machine – Bio Environment” System | Ukrainian | 2 | 90 |
| 26. | History and Philosophy of Agricultural Machinery | Ukrainian | 2 | 54 |
| 27. | Load Sciences Study | Ukrainian | 5 | 90 |
| 28. | Grounds of Scientific Research | Ukrainian | 8 | 90 |
| 29. | Rates and Rating Systems | Ukrainian | 8 | 54 |
| Total for the disciplines of the students’ choice | | | | 936 |
| Total with optional component | | | | 234 |
| Practical training | | | | 111 |
| Examination sessions | | | | 792 |
| Preparation of diploma and state attestation | | | | 288 |
| Total with the area of training | | | | 864 |

- * Physical Training is included into the weekly classroom load (30 hours), but it is not an academic credit discipline.
- ** the disciplines taught as the single stream for two specialties.

Tentative topics for Bachelor's projects

1. Organization of load transportation during potato harvesting and transportation.
2. Organization of load transportation during grain crops harvesting and transportation.
3. Estimation of vehicles provision during load replacement.
4. Estimation of transporting aggregates for the technological process of growing and harvesting sugar beets.
5. Estimation of transporting aggregates for the technological process of growing and harvesting winter wheat.
6. Efficient increasing of passengers' traffic by the touring buses № 151 in Kyiv.
7. Organization of international transportation of quick-spoiled loads by the example of the enterprise Asko-Expedition in Kyiv.
8. Increasing of exploitation properties for automobile GAZ- 2752 „Sobol” due to transmission improvement.
9. Improvement of urban passengers' traffic by the example of motor transport establishment AP №6 in Kyiv.
10. Improvement of concrete transportation by the example of motor transport enterprise AP-1 in Kyiv.
11. Increasing of economic urban passengers' transportation due to the hybrid power installations buses.
12. Improvement of passengers' traffic by motor transport of Izmail (Odessa region).
13. Improvement of passengers' traffic by motor transport of Pryluku (Chernihiv region).
14. Organization and management of repairing and maintenance works within transport enterprise.
15. Organization of work for the repairing maintenance base of motor transport enterprise.

Training EQL “Bachelor” with the shorter training period meant for Junior Specialists

Graduates who have received EQL “Junior Specialist” for the area **6.070101 “Transport Technologies (by transport types)”** with the specialization:

5.07010101 – “Organization and Highway Traffic Control”

5.07010102 – “Organization of Freight Traffic Activity and Transport Management”

are admitted to training for EQL “Bachelor” with the shorter (two years) training period after passing the entrance examinations in professional disciplines and eliminating differences in academic curricula.

Curriculum for EQL “Bachelor” with the shorter (two years) training period in the area “Transport Technologies (by transport types)” meant for Junior Specialists

| Nu m be r | Academic Discipline, Practice | Language of Training | Semester | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|---|---|-----------------------------|----------|-----------|--------------|----------|--|
| | | | | Hour s | Credits | | |
| | | | | | Nation al | ECT S | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and socio-economic training | | | | | | | |
| | Foreign language | English German French | 1,2 | 108 | 2.0 | 3.0 | Chapala L.I. Yakushko K.G. Hlukhovska N.A. Karmazina O.P. Polezhako V.I. Kuznietsova O.M. Vereschagina T.O. (044)527-81-81 engl_chair@nauu.kiev.ua |
| | Physical training | Ukrainian | 1,2 | 108 | 2.0 | 3.0 | Verbytskyi S.O. (044)527-85-21 <u>sports@twin.nauu.kiev.ua</u> |
| | Philosophy | Ukrainian | 2 | 54 | 1.0 | 1.5 | Horbatiuk T.V. (044)527-81-50 <u>philosopher@twin.nauu.kiev.ua</u> |
| | Jurisprudence (principles of law, principles of constitutional law) | Ukrainian | 3 | 54 | 1.0 | 1.5 | Bol'shakov V.N. (044)257-33-10 <u>agrlandeko@yandex.ru</u> |
| | Psychology | Ukrainian | 3 | 54 | 1.0 | 1.5 | Denezhna S.O. (044)527-85-37 soc_polit@mail.ru |
| | Political Science | Ukrainian | 4 | 108 | 2.0 | 3.0 | Hrabovskyi O.V. (044)527-81-71 soc_polit@mail.ru |
| Total for the cycle of humanitarian and socio-economic training | | | | 486 | 9 | 14 | |
| Cycle of mathematical and natural-scientific training | | | | | | | |
| | Physics | Ukrainian | 1 | 108 | 2.0 | 3.0 | Sukach H.O (044)527-84-27 |

| | | | | | | | |
|--|---|------------|---|------------|-----------|-----------|--|
| | | | | | | | Boyko_v@I.ua |
| | Chemistry | Ukrainian | 1 | 108 | 2.0 | 3.0 | Ponomariova I.H. (044)527-80-96 ollchem_chair@twin.nauu.kiev.ua |
| | Technical mechanics | Ukrainian | 1 | 54 | 1.0 | 1.5 | Chernysh O.M. (044)527-82-63 mechanic_chair@twin.nauu.kiev.ua |
| | Descriptive geometry | Ukrainian | 1 | 54 | 1.0 | 1.5 | Vasylyv P.A. (044)527-82-26 engmech_centre@twin.nauu.kiev.ua |
| | Informatics and programming | Ukrainian | 1 | 108 | 2.0 | 3.0 | Shukailo Y.M. (044)527-83-82 avto.ea@gmail.com |
| | Higher mathematics | Ukrainian | 1 | 108 | 2.0 | 3.0 | Diuzhenkova O.Y. (044)527-80-91 vpmath@nauu.kiev.ua |
| | Probability theory and mathematical statistics | Ukrainian | 2 | 108 | 2.0 | 3.0 | Neschadym O.M. тел.(044)527-80-91 vpmath@nauu.kiev.ua |
| | Principles of theories of the systems and management | Ukrainian | 2 | 108 | 2.0 | 3.0 | Kozupytisia S.I. (044)527-88-57 KafedraTT@bigmir.net |
| | Analysis of operations in transport systems | Ukrainian | 3 | 108 | 2.0 | 3.0 | Dokunikhin V.Z. (044)527-88-57 KafedraTT@bigmir.net |
| | Principles of management | Ukrainian | 4 | 54 | 1.0 | 1.5 | Novak O.V. (044)527-84-80 economy_centre@twin.nauu.kiev.ua |
| | Principles of marketing | українська | 4 | 54 | 1.0 | 1.5 | Shevchyk M.H. (044)527-60-04 economy_centre@twin.nauu.kiev.ua |
| Total for the cycle of mathematical and natural-scientific training | | | | 972 | 18 | 27 | |
| Cycle of professional and practical training | | | | | | | |
| | General course of transport | Ukrainian | 2 | 108 | 2.0 | 3.0 | Bondarev S.I. (044)527-88-57 KafedraTT@bigmir.net |
| | Principles of theory of transport processes and systems | Ukrainian | 2 | 108 | 2.0 | 3.0 | Dokunikhin V.Z. (044)527-88-57 KafedraTT@bigmir.net |
| | Transport vehicles | Ukrainian | 2 | 54 | 1.0 | 1.5 | Pozhydayev S.P. (044)527-82-15 tractor_chair@twin.nauu.kiev.ua |
| | Information systems and technologies | Ukrainian | 3 | 81 | 1.5 | 2.5 | Diomin O.A. (044)527-85-37 pltz@twin.nauu.kiev.ua |
| | Freight transportation | Ukrainian | 3 | 108 | 2.0 | 3.0 | Fryshev S.H. (044)527-88-57 KafedraTT@bigmir.net |
| | Passenger transportation | Ukrainian | 3 | 108 | 2.0 | 3.0 | Бондарев С.І. (044)527-88-57 KafedraTT@bigmir.net |
| | Co- operation of means of transport | Ukrainian | 4 | 108 | 2.0 | 3.0 | Frishev S.G. (044)527-88-57 KafedraTT@bigmir.net |

| | | | | | | | |
|--|--|-----------|---|-------------|-----------|-----------|---|
| | Principles of transport economy | Ukrainian | 4 | 54 | 1.0 | 1.5 | Rud'ko R.M. (044)527-85-70 |
| | Port Law | Ukrainian | 4 | 108 | 2.0 | 3.0 | Kushnir G.A. (044)257-33-10 |
| | Logistics | | 4 | 108 | 2.0 | 3.0 | Kosareva T.V. Savchenko L.A. (044)527-88-57 KafedraTT@bigmir.net |
| Total for the cycle of professional and practical training | | | | 945 | 18 | 26 | |
| Total with the compulsory component | | | | 2403 | 45 | 67 | |
| Optional Component for 8.100401 – “Organization and Regulation of Traffic” | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| | *Dynamics of transport hauling machines | Ukrainian | 1 | 54 | 1.0 | 1.5 | Chovniuk Y.V. (044)527-87-34 machinebuild_centre@twin.nauu.kiev.ua |
| | Підйомно-транспортні машиниHoisting and conveying machines | Ukrainian | 1 | 54 | 1.0 | 1.5 | Korobko M.M. (044)527-87-34 nik nik kor@bigmir.net |
| | Processes and equipments for the storage of products at transporting | Ukrainian | 3 | 54 | 1.0 | 1.5 | Martynenko O.V. (044)527-80-86 mechexch_chair@twin.nauu.kiev.ua |
| | Properties of highways and buildings | Ukrainian | 3 | 54 | 1.0 | 1.5 | Besarab O.M. (044)527-85-30 |
| | Energy savings and renewal sources of energy* | Ukrainian | 4 | 54 | 1.0 | 1.5 | Tarasenko S.E. (044)527-80-97 MAVM@ukr.net |
| | Technical service and repairing of transport vehicles | Ukrainian | 4 | 108 | 2.0 | 2.5 | Karabynyosh S.S.. (044) 527-85-20 CIRM2006@jindex.ru |
| Total for Disciplines chosen by the University | | | | 621 | 12 | 17 | |
| Disciplines chosen by students | | | | | | | |
| | Safety of transport vehicles* | Ukrainian | 3 | 81 | 1.5 | 2.3 | Bondarev S.I. (044)527-88-57 KafedraTT@bigmir.net |
| | Traffic Regulations | Ukrainian | 3 | 54 | 1.0 | 1.5 | Kolosok I.O. (044)527-88-57 KafedraTT@bigmir.net |
| Optional Component for 8.100403 – “Transportation and Transport Management” | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| 1 | Dynamics of transport hauling machines* | Ukrainian | 1 | 54 | 1.0 | 1.5 | Chovniuk Yu. V. (044)527-87-34 machinebuild_centre@twin.nauu.kiev.ua |
| 2 | Planning of transport works in the system AIC | Ukrainian | 1 | 54 | 1.0 | 1.5 | Besarab O.M. (044)527-85-30 |
| | Hygiene and features of transporting of animals and animal products | Ukrainian | 2 | 81 | 1.5 | 2.5 | Zasekin D.A. (044)527-80-41 |
| | Technological transport processes in agricultural production | Ukrainian | 3 | 54 | 1.0 | 1.5 | Diomin O.A. (044)527-85-37 pltz@twin.nauu.kiev.ua |
| | Energy-saving and renewal sources of energy* | Ukrainian | 4 | 54 | 1.0 | 1.5 | Tarasenko S.E. (044)527-80-97 MAVM@ukr.net |
| | Modern GPS system at the transportation of agricultural products | Ukrainian | 4 | 54 | 1.0 | 1.5 | Diomin O.A. (044)527-85-37 pltz@twin.nauu.kiev.ua |

| Disciplines chosen by students | | | | | | | |
|---|--------------------------------|-----------|---|------|-----|-----|---|
| 1 | Freight activity | Ukrainian | 2 | 81 | 1.5 | 2.5 | Savchenko L.A. Bondarev S.I. (044)527-88-57 KafedraTT@bigmir.net |
| 2 | Safety of transport vehicles * | Ukrainian | 3 | 81 | 1.5 | 2.3 | Bondarev S.I. (044)527-88-57 KafedraTT@bigmir.net |
| Total for the disciplines of the students' choice | | | | 216 | 4 | 6 | |
| Total with the optional component | | | | 837 | 15 | 23 | |
| Total with the area of training | | | | 3240 | 60 | 90 | |

** disciplines which are taught in the single stream for two specialties

Area of training 6.050503 “Mechanical Engineering”

Training is carried out in:

- Basic institution of the University (Kyiv);

The structure of curriculum of training for EQL “Bachelor” in the area “Mechanical Engineering”

The Curriculum is concluded on the basis of educational and vocational training programs EQL “Bachelor” for “Mechanical Engineering”

The compulsory component of the curriculum consists of 3 training cycles: the humanitarian and social-economic, mathematical and natural-scientific, professional and practical, totaling 5220 hours, 101 national credits and 158,5 ECTS credits.

The optional component of the curriculum consists of Disciplines chosen by the University and by students, professional and practical training totaling 2592 hours, 47, 8 national credits and 74, 5 ECTS credits.

The total time by the curriculum makes up 8028 hours, 150,9 national credits and 240 ECTS credits.

The curriculum includes:

– writing 9 course projects (works) in: “Interchangeability, Standardization and Technical Measures”, “Theory of Mechanisms and Machines”, “Technology of Mechanical Engineering”, Fluid Drive of Agricultural and Forest Machines”, “Machine Parts”, Hoisting and Conveying Machines”, “Tractors And Automobiles”, “Construction of Forest Complex Machine”, “Using if Machines in Animal Husbandry (Operation of Forestry Machinery).

- 5 practical trainings, academic and production.

Training period is 4 years.

State certification comprises a state examination, writing and defending a Bachelor’s paper.

Curriculum for EQL “Bachelor” in the area “Mechanical Engineering”

| Num ber | Academic Discipline, Practice | Language of Training | Semester | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|--|----------------------------------|-----------------------------|----------|--------|--------------|------|--|
| | | | | Hours | Credits | | |
| | | | | | Nation al | ESTS | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and social -economic training | | | | | | | |
| 1 | Ukrainian | Ukrainian | 2 | 108 | 2 | 3 | Dyadechko L.A. (044) 527-83-63 pailol_centra@twin.nauu.kiev.ua |
| 2 | History of Ukraine | Ukrainian | 1 | 108 | 2 | 3 | Bilan S.O. (044)527-82-64 BilanSO@ukr.net |
| 3 | History of the Ukrainian culture | Ukrainian | 2 | 72 | 1,3 | 2 | Grischenko I.V. (044)527-89-08 culturolog@twin.nauu.kiev.ua |
| 4 | Foreign language | English German French | 1,2 | 180 | 3,3 | 5 | Karmazina O.P. (044)527-81-81 Flower4@digmir.net |
| 5 | Philosophy | Ukrainian | 4 | 108 | 2 | 3 | Karpinskiy I.Yu. (044)527-83-59 philosopher@twin.nauu.kiev.ua |
| 6 | Physical training * | Ukrainian | 1,2,3 | 162 | 3 | 4,5 | Brinzak S.S (044)527-85-21 sports@twin.nauu.kiev.ua |
| Total for the cycle of humanitarian and social-economic training | | | | 576 | 10,6 | 16 | |
| Cycle of mathematical and natural- scientific training | | | | | | | |
| | Higher mathematics | Ukrainian | 1,2,3 | 504 | 4 | 14 | Ovchar R.F. (044)527-80-91 vpmath@nauu.kiev.ua |
| | Chemistry | Ukrainian | 1 | 108 | 2 | 3 | Ponomareva I.H. (044)527-80-32 ollchem_chair@twin.nauu.kiev.ua |
| | Informatics and programming | Ukrainian | 1,2 | 180 | 3 | 5 | Nesvidomin V.M. (044)527-82-26 Onesvidomin@ukr.net |
| | Descriptive geometry | Ukrainian | 1 | 108 | 2 | 3 | Nesvidomin V.M. (044)527-82-26 Onesvidomin@ukr.net |
| | Physics | Ukrainian | 1,2 | 216 | 4 | 6 | Boyko V.V. (044)527-84-27 Boyko_v@I.ua |
| | Applied mathematics | Ukrainian | 3 | 108 | 2 | 3 | Ovchar. R.F. (044)527-80-91 vpmath@nauu.kiev.ua |

| | | | | | | | |
|-----|--|-----------|-------|-----|-----|-----|---|
| | Theoretical mechanics | Ukrainian | 1,2 | 216 | 4 | 6 | Litvinov O.I. (044)527-82-63 Lytvunov-Oleg@ukr.net |
| | Material Activity | Ukrainian | 3,4 | 144 | 2,5 | 4 | Kaspruk O.M. (044)527-84-28 material_chair@twin.nauu.kiev.ua |
| 9. | Technology of construction materials | Ukrainian | 2,3 | 360 | 6.7 | 10 | Opal'chuk A.S. (044)527-85-74 material_chair@twin.nauu.kiev.ua |
| 10. | Mechanics of materials and constructions | Ukrainian | 3,4 | 360 | 6,7 | 10 | Shvayko V.M. (044)527-85-30 strim_chair@twin.nauu.kiev.ua |
| 11. | General electrical engineering | Ukrainian | 3 | 108 | 2 | 3 | Rad'ko I.P. (044)527-87-89 elektrifi_dean@twin.nauu.kiev.ua |
| 12. | Hydraulics | Ukrainian | 4 | 108 | 2 | 3 | Vasilenkov V.E (044)527-87-48 MAVM@.ukr.net |
| 13. | Interchangeability, standardization and technical measurings | Ukrainian | 4,5 | 144 | 2,5 | 4 | Bystriy O.M. (044)527-85-35 yaroslav_m@ukr.net |
| 14. | Theory of mechanisms and machines | Ukrainian | 4,5 | 288 | 5,3 | 6 | Berezovyi M.H (044)527-82-63 mechanic_chair@twin.nauu.kiev.ua |
| 15. | Engineering and computer graphic arts | Ukrainian | 1,2,3 | 216 | 4 | 6 | Nesvidomin V.M. (044)527-82-26 Onesvidomin@ukr.net |
| 16. | Mechanical-technological properties of materials | Ukrainian | 5 | 108 | 2 | 3 | Pylypenko A.P (044)527-85-30 strim_chair@twin.nauu.kiev.ua |
| 17. | Details of machines and basis of constructing | Ukrainian | 5,6 | 216 | 4 | 6 | Ribalko V.M. (044)527-87-34 mechinebuild_centre@twin.nauu.kiev.ua |
| 18. | Heating engineering | Ukrainian | 6 | 72 | 1,3 | 2 | Mischenko A.V. (044)527-80-97 MAVM@.ukr.net |
| 19. | Bases of scientific researches | Ukrainian | 7 | 72 | 1,3 | 2 | Yamkov O.V. (044)527-85-37 pltz@twin.nauu.kiev.ua |
| 20. | Political science | Ukrainian | 7 | 72 | 1 | 1,5 | Grabovskiy O.V. (044)527-82-48 soc_polit@mail.ru |
| 21. | Sociology | Ukrainian | 7 | 54 | 1,5 | 2 | Volobuev V.I. |

| | | | | | | | |
|--|--------------------------|-----------|---|-------------|-------------|------------|--|
| | | | | | | | (044)527-81-71 soc_polit@mail.ru |
| 22. | Economic theory | Ukrainian | 8 | 72 | 1 | 1,5 | Poberezhec' T.I. (044)527-82-35 ekteor_chair@twin.nauu.kiev.ua |
| Total for the cycle of mathematical and natural–scientific training | | | | 3834 | 64,8 | 104 | |
| Cycle of professional and practical training | | | | | | | |
| | Professional orientation | Ukrainian | 1 | 36 | 0,7 | 1 | Onischenko V.B. (044)527-88-95 meching_dean@twin.nauu.kiev.ua |

| | | | | | | | |
|--|--|-----------|-------|-------------|-------------|--------------|--|
| | Technology of mechanical engineering | Ukrainian | 4,5,6 | 288 | 5,3 | 8 | Lopat'ko K.G. (044)527-85-74 Lopatko_konst@hotmail.com |
| | Tractors and automobiles | Ukrainian | 6,7 | 324 | 6 | 9 | Beshun O.A. (044)527-82-15 tractor_chair@twin.nauu.kiev.ua |
| | Fuel and other expense materials | Ukrainian | 3 | 108 | 2 | 3 | Okocha A.I (044)527-88-53 techserv_chair@twin.nauu.kiev.ua |
| | Cutting theory, metal-working machine-tools and instrument | Ukrainian | 4 | 252 | 4,7 | 7 | Rohovskyi L.L. (044)527-85-74 material_chair@twin.nauu.kiev.ua |
| | Principles of labour safety | Ukrainian | 8 | 54 | 1 | 1,5 | Lekhman S.D. (044)527-82-99 op_chair@twin.nauu.kiev.ua |
| | Life safety | Ukrainian | 8 | 54 | 1 | 1,5 | Kudryavicka A.M. (044)527-87-65 agroeco_chair@twin.nauu.kiev.ua |
| | Electrical equipment and facilities of automation | Ukrainian | 8 | 72 | 1,5 | 2 | Bereka O.M. (044)527-87-36 Leonid-chervinsky@ukr.net |
| | A design of technological processes on EOM | Ukrainian | 8 | 108 | 2 | 3 | Solomka V.O. (044)527-88-95 mechine-building_chair@twin.nauu.kiev.ua |
| Total for the the cycle of professional and practical preparation | | | | 1296 | 24,2 | 36 | |
| Total with the compulsory component | | | | 5130 | 101 | 158,5 | |
| Optional Component for 8.090215 – “Agricultural Machinery and Equipment of Agricultural Production” | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| 1. | Agricultural machines | Ukrainian | 5,6 | 288 | 5,3 | 8 | Derkach O.P. (044)527-88-95 |

| | | | | | | | |
|---|---|-----------|-----|-------------|-----------|-----------|--|
| | | | | | | | machine- building_chair@nauu.kiev.ua |
| 2. | Machines and equipments for the animal husbandry | Ukrainian | 6,7 | 216 | 4 | 6 | Revenko I.I. (044)527-85-35 mechaniz_chair@twin.nauu.kiev.ua |
| 3. | System „Machine - field” | Ukrainian | 6 | 54 | 1 | 1,5 | Aniskevich L.V. (044)527-84-26 pltz@twin.nauu.kiev.ua |
| 4. | Technology of engineer (production practice) | Ukrainian | | 216 | 4 | 6 | Lopat'ko K.G. (044)527-85-74 Lopatko_konst@hotmail.com |
| 5. | Hydraulic drive of agricultural machinery | Ukrainian | 6 | 144 | 2,6 | 4 | Pogorilec' O.M. (044)527-85-3 pltz@twin.nauu.kiev.ua |
| 6. | Machines and equipments of agricultural productions | Ukrainian | 6 | 72 | 1,3 | 2 | Polischuk V.M. (044)527-85-62 material_chair@twin.nauu.kiev.ua |
| 7. | Machines and equipments for animal husbandry | Ukrainian | 6,7 | 216 | 4 | 6 | Revenko I.I. (044)527-85-35 mechaniz_chair@twin.nauu.kiev.ua |
| 8. | Agricultural mechanics | Ukrainian | 7 | 54 | 1 | 1,5 | Kovbasa V.P. (044)527-88-95 KovbasaV@ukr.net |
| 9. | Lifting-transport machines | Ukrainian | 7 | 126 | 2,3 | 3,5 | Loveykin V.S. (044)527-87-34 mechinebuild_centre@twin.nauu.kiev.ua |
| 10. | Reliability and repair of agricultural machines | Ukrainian | 7,8 | 108 | 2 | 3 | Novickiy A.V. (044)527-88-95 meching_dean@twin.nauu.kiev.ua |
| 11. | Mashinovikorisannya in a stock-raising | Ukrainian | 8 | 144 | 2,6 | 4 | Zabolot'ko O.O. (044)527-85-35 mechaniz_chair@twin.nauu.kiev.ua |
| 12. | Mashine using in agriculture | Ukrainian | 8 | 108 | 2 | 3 | Shatrov R.V. (044)527-88-53 techserv_chair@twin.nauu.kiev.ua |
| Total for the disciplines of the University's choice | | | | 1746 | 33 | 51 | |
| Disciplines chosen by students | | | | | | | |
| | Religion | Ukrainian | 3 | 36 | 0,7 | 1 | Romanova N.S. (044)527-83-59 philosopher@twin.nauu.kiev.ua |
| | Technology of production of | Ukrainian | 5 | 90 | 1,6 | 2,5 | Tarasenko O.O. |

| | | | | | | | |
|--|---|-----------|-----|-------------|-------------|-------------|--|
| | crop-growing goods | | | | | | (044)527-81-18 tarasenko-oleg@ukr.net |
| | Technology of production of animal-husbandry goods | Ukrainian | 5 | 90 | 1,6 | 2,5 | Macenko M.I. tel. (044) 527-82-32 milkmeat_chair@twin.nauu.kiev.ua |
| | Dynamics and durability | Ukrainian | 5 | 54 | 1 | 1,5 | Chausov N.G. (044)527-85-30 CIPM2006@yandex.ru |
| | Law | Ukrainian | 6 | 54 | 1 | 1,5 | Bol'shakov V.N. (044)257-33-10 agrlandeko@yandex.ru |
| | Principles of constructing of agricultural technics | Ukrainian | 7,8 | 252 | 4,6 | 7 | Onischenko V.B. (044)527-81-29 meching_dean@twin.nauu.kiev.ua |
| | Electronics and microprocessor technique | Ukrainian | 7 | 72 | 1,5 | 2 | Sinyavskiy M.V. (044)527-87-44 avto.ea@gmail.com |
| | Machines and equipments for processing and storage of agricultural products | Ukrainian | 8 | 108 | 2 | 3 | Tkachuk A.I. (044)527-87-69 mechexch_chair@twin.nauu.kiev.ua |
| | Design and ergonomics | Ukrainian | 8 | 90 | 1,6 | 2,5 | Mironenko V.G. (044)527-85-62 ecobio_chair@twin.nauu.kiev.ua |
| Total for the disciplines of the students' choice | | | | 846 | 15,6 | 23,5 | |
| Total with the optional component | | | | 2592 | 48 | 74,5 | |

| Optional Component for 8.090219 "Equipment of Forest Complex" | | | | | | | |
|--|--|-----------|-----|-----|-----|-----|--|
| Disciplines chosen by the University | | | | | | | |
| | Woodworking and instruments | Ukrainian | 5,6 | 270 | 5 | 7,5 | Sirko Z.S. (044)527-81-68 NII_resurs@ukr.net |
| | Timber cutting and transport of the forest | Ukrainian | 6 | 234 | 4,3 | 6,5 | Maslay N. I. tel.(044) 527-89-19 Vygovskiy@ukr.net |
| | Fluid engine of agricultural machine | Ukrainian | 6 | 144 | 2,7 | 4 | Pogorilets' O.M. (044)527-85-34 pltz@twin.nauu.kiev.ua |
| | Reliability of machines | Ukrainian | 7 | 72 | 1,3 | 2 | Boyko A.I. (044)527-88-95 meching_dean@twin.nauu.kiev.ua |
| | Standardization and certification of technique and equipment | Ukrainian | 7 | 72 | 1,3 | 2 | Rublev V.I. (044)527-88-53 virken@yandeks.ru |
| | Forest complex machines | Ukrainian | 7 | 108 | 2 | 3 | Vigovskiy A.Yu. |

| | | | | | | | |
|---|---|-----------|-------|-------------|-------------|-----------|--|
| | and instruments | | | | | | (044)527-82-80 Vygovsjkyj@ukr.net |
| | Lifting-transport machines | Ukrainian | 5,6,7 | 270 | 5 | 7,5 | Loveykin V.S. (044)527-87-34 mechinebuild_centre@twin.nauu.kiev.ua |
| | Technical maintenance of machines and equipment | Ukrainian | 8 | 108 | 2 | 3 | Demko A.A. (044) 527-88-53 techserv_chair@twin.nauu.kiev.ua |
| | Management and marketing | Ukrainian | 8 | 54 | 1 | 1,5 | Pavlishchuk O.P. (044)527-83-31 forestmanag@twin.nauu.kiev.ua |
| | Repair of machines and equipment | Ukrainian | 8 | 72 | 1,3 | 2 | Noviyskyi A.V. (044)527-88-95 meching_dean@twin.nauu.kiev.ua |
| | Exploitation of forest complex machines | Ukrainian | 8 | 144 | 2,7 | 4 | Maslay N. In. (044)527-89-19 Vygovsjkyj@ukr.net |
| | Economy and organization of forest complex | Ukrainian | 7 | 54 | 1 | 1,5 | Vasyliyhyn R.D (044)527-83-31 forestmanag@twin.nauu.kiev.ua |
| Total for the disciplines of the University's choice | | | | 1764 | 32,6 | 49 | |
| Disciplines chosen by students | | | | | | | |
| | Religion | Ukrainian | 3 | 36 | 0,7 | 1 | Romanova N.S. (044)527-83-59 philosopher@twin.nauu.kiev.ua |
| | Woodworking | Ukrainian | 5 | 162 | 3 | 4,5 | Zrazhva S.G. (044)527-81-67 ZRAZHVA@inbox.ru |
| | Silviculture | Ukrainian | 6 | 72 | 1,3 | 2 | Zrazhva S.G. (044)527-81-67 ZRAZHVA@inbox.ru |
| | Law | Ukrainian | 6 | 54 | 1 | 1,5 | Bol'shakov V.N. (044)257-33-10 agrlandeko@yandex.ru |
| | Silvimetry | Ukrainian | 6 | 72 | 1,3 | 2 | Zrazhva S.G. (044)527-81-67 ZRAZHVA@inbox.ru |
| | Silviculture | Ukrainian | 7 | 36 | 0,6 | 1 | Kichilyuk o.V. (044)527-87-47 forestcrops_chair@twin.nauu.kiev.ua |
| | Principles of forest machineconstruction | Ukrainian | 7,8 | 252 | 4,7 | 7 | Baranovskiy In. M. (044)527-88-95 Baranovskyym@numbler.ru |

| | | | | | | | |
|--|--|-----------|---|-------------|--------------|-------------|--|
| | | | | | | | |
| | Automation and computer-aided manufacturing | Ukrainian | 7 | 72 | 1,3 | 2 | Koncur V.V. (044)527-87-44 avto.ea@gmail.com |
| | Principles of ecology and preservation of nature | Ukrainian | 8 | 54 | 1 | 1,5 | Boholyubov V.N. (044)527-87-65 agroeco_chair@twin.nauu.kiev.ua |
| | Total for the disciplines of the students' choice | | | 810 | 14,9 | 22,5 | |
| | Total with the optional component | | | 2592 | 47,8 | 74,5 | |
| | Total with the area of training | | | 7722 | 148,8 | 233 | |

* Physical Training is included into the weekly classroom load (30 hours), but it is not an academic credit discipline.

Tentative topics for Bachelor's projects

1. Estimation of the technical state of details as a «shaft» with the improvement of their superficial strengthening.
2. An improvement of the sharpening of furrow disc in the conditions of SD NUBiP «Vorzel».
3. An improvement of stand from repair of augers of fodder mill.
4. Development of project of diagnostic area for the repair shop of DP «Malinske» Forestry of the Zhytomir area.
5. Development of area on repair of engines in the conditions of DP of «Klavdievske » Forestry.
6. Development of technologies and rigging for proceeding in the shaft of a 2016111 frame-saw of R-63.
7. Improvement of shredding roller.
8. Improvement of parameters of workings organs of machines for grain separations.
9. Improvement of milling working organ for tillage of the young plants.
10. Improvement of parameters of works of strawwalker of combine harvester.
11. Improvement of combing unit for the mower of KPS-5Ã.
12. Improvement of turbo-compressor of engine of tractor of hauling class of 30Кн.
13. An improvement of gas-distributing mechanism of engine with improving economic indicators.
14. Improvement of operating economy of tractor by application of regulator of diesel with two power-levels.
15. Improvement of operating economy of tractor by perfection of all-mode regulator of diesel.
16. Justification of construction of mobile skidder.
17. Improvement of chain-scraping conveyer.
18. Improvement of construction of the piston-rod-sieve cleaning of grain of combine harvester KZS-9 «Slavutich».
19. Improvement of beating-separating combine of KZS-9 «Slavutich».
20. Development of construction of beam crane for a repair shop.
21. Improvement of fluidizer research of work of transmissions of pass.
22. An improvement of working organ for cleaning the root crops from admixtures.
23. Improvement of construction of centrifugal rakes.
24. Development of technological process and equipment for renovation of of bearings cages.
25. Development of stand for repair of main transmissions of tractors of T- 150 ê.
26. Planning of cuber of hard biopropellant.
27. An improvement of sprinkler for young plantings.
28. Improvement of cultivator KRL-1 for tilling of soil in rows on unstubbed areas.
29. An improvement of skidding hoist TL-4 for transporting wood on lower storehouses.
30. An improvement of forest hurrow cultivator of KLB-1.7 or work on unstubbed timber-works.

2.11 EDUCATION-SCIENTIFIC INSTITUTE OF POWER ENGINEERING AND AUTOMATICS

The Institute director is Doctor of Engineering, Professor **Volodymyr Viktorovych Kozys'ki**
Tel.: (044) 527-85-80. E-mail: nnienergy@gmail.com
Location: educational building № 8, room 18.

The ESI of Power Engineering and Automatics includes:

The Faculty of Power Engineering and Automatics

The Dean is PhD in Engineering, Associate Professor **Ivan Petrovych Rad'ko**
Tel.: (044) 527-87-31. E-mail: electrifydean@twin.nauu.kiev.ua
Location: educational building № 8, room 11

The Faculty conducts training for EQL “Bachelor” in the areas:

6.050101 – “Computer Sciences”

6.050202 – “Automation and Computer-integrated Technologies”

6.050701 – “Electrical Engineering and Electrical Technologies”

6.100101 – “Power Engineering and Electrotechnical Systems in AIC”

Qualification of graduates: Technical Specialist, Electrician, Engineer Assistant on Automation and Computer-integrated Technologies, Specialist in Informational Technologies, Technician-Electrician.

Graduates' academic rights – can continue their study for the Master's degree majoring in a relevant area from the curricula of undergraduate programs, beginning with the second year of study.

8.080401 – “Informational Operational Systems and Technologies”

8.090603 – “Electrotechnical Systems of Electrical Consumption”

8.091901 – “Energetics of Agricultural Production”

8.091903 – “Electrification and Automation of Agriculture”

8.092501 – “Automated Control of Technological Processes”

or with specialities of the study area “Specific categories”:

8.000001 – “Quality, Standardization and Certification”

8.000005 – “Pedagogics of Higher School”

8.000007 – “Administrative Management”

Bases of students' practical studies:

SD of NULES “Velyka Snitynka TRF named after O. V. Muzychenko”; SD of NULES “Agronomy Research Station”; SD of NULES “Education-Research Breeding Poultry Plant named after Frunze”; JSC “Myronivskyi bread products”; Ltd. “Roby Ros Agricol” Morosivs'ka poultry factory; JSC “Bilotserkivs'kyi cannery”; Ltd. “Agro-Union”; Poultry factory “Ukraine” (Autonomous Republic of the Crimea); Ltd. “Roby Ros Agricol” Morosivs'ka poultry factory; Poultry factory “Ukraine”; OJSC “Kyivsilectro”; OJSC “Kyivoblenergo”; OJSC “Cherkasyoblenergo”; OJSC “Chernihivoblenergo”; Kaniv HES; Trypilska HES; Kyiv HES; Company “Ukrsilenergoproekt”; Rivne factory of high-voltage apparatus; OJSC “Zhytomyroblenergo”; Ukrainian research and project institute “Promtsyvil'silbud”; Poultry

factory “Agromars”; Vasyl’kivska poultry factory, National power company “Ukrenergo”; agrarian industrial complex “Pushcha Vodytsia”.

Area of training 6.050202 – “Automation and Computer-Integrated Sciences”

Training is carried out in:

- **Basic institution of the University (Kyiv);**

The structure of curriculum of training for EQL “Bachelor” in the area “Automation and Computer-Integrated Sciences”

The Curriculum is concluded on the basis of educational and vocational training programs EQL “Bachelor” for “Computer Sciences”.

The compulsory component of the curriculum consists of 3 training cycles: the humanitarian and socio-economic, mathematical and natural-scientific, professional and practical, totaling 5688 hours, 105.3 national credits, and 158 ECTS credits.

The optional component of the curriculum consists of the subjects by the University and student’s choice, professional and training with general amount of 2952 hours, 54.7 national credits, and 82 ECTS credits.

The total time by the curriculum makes up 8640 hours, 160 national credits, and 240 ECTS credits.

The curriculum includes:

- writing 7 course projects (works) in: “Real Time Systems Programming”, “Electronics and Microprocessor Technique”, “Metrology”, “Technological Measurement and Devices”, “Electrical Engineering and Electromechanics”, “Automatic Systems Projecting”, “Automatic Operation Theory”, “Automation Technical Tools”, “Basics of the Technical Exploitation”.
- 3 practical training, academic and production.

Training period is 4 years.

- State certification comprises a state examination

Curriculum for EQL “Bachelor” in the area “Automation and Computer-Integrated Sciences”

| N u m b e r | Academic Discipline, Practice | Language of Training | Semester | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|---|---|-----------------------------|----------|-----------|--------------|----------|--|
| | | | | Hour s | Credits | | |
| | | | | | Nationa l | ECT S | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and socio-economic training | | | | | | | |
| 1 | Ukrainian (in professional area) | Ukrainian | 1 | 108 | 2 | 3 | Kiral’ S. S. 527-89-08 |
| 2 | History of Ukraine | Ukrainian | 1 | 108 | 2 | 3 | Bilan S. O. 527-82-64 |
| 3 | History of Ukrainian culture | Ukrainian | 2 | 72 | 1.3 | 2 | Okhrimenko O. V.. 527-89-08 |
| 4 | Foreign Language | English German French | 2 | 180 | 3.3 | 5 | Vereschagina T. O. Yakushko K. H. 527-81-81 |
| 5 | Philosophy | Ukrainian | 3 | 108 | 2 | 3 | Vorona M. R. 527-81-50 |
| 6 | Physical Training* | Ukrainian | 1-4 | 360 | 6.6 | 10 | Burko S. V. 527-85-21 |
| Total for the cycle of humanitarian and socio- economic training | | | | 576 | 10.6 | 16 | |
| Cycle of mathematical and natural-scientific training | | | | | | | |
| 1 | Principles of Ecology | Ukrainian | 6 | 54 | 1 | 1.5 | Rozputnii M. V. 527-87-65 |
| 2 | Higher Mathematics | Ukrainian | 1-3 | 540 | 10 | 15 | Pantaliyenko L. A. 527-80-91 highpm.ea@gmail.co m |
| 3 | Numerical Methods | Ukrainian | 4 | 126 | 2.3 | 3.5 | Mazur O. K. 527-80-91 highpm.ea@gmail.co m |
| 4 | Physics | Ukrainian | 1.2 | 216 | 4 | 6 | Sukach H. O. 527-84-91 ztfiz.ea@gmail.com |
| 5 | Chemistry | Ukrainian | 2.3 | 198 | 3.6 | 5.5 | Ponomar’ova I. H. 527-80-32 |
| 6 | Engineering Graphics | Ukrainian | 4 | 162 | 3 | 4.5 | Bartsyhivs’kyi S. B. 527-82-26 |
| 7 | Computer Technologies and Programming | Ukrainian | 1 | 126 | 2.6 | 3.5 | Holub B. L. 527-80-13 infosystex@gmail.co m |
| Total for the cycle of mathematical and natural- scientific training | | | | 1818 | 33.6 | 50 | |
| Cycle for professional and practical training | | | | | | | |
| The 1 st subcycle of professional and practical training | | | | | | | |
| 1 | Life Safety | Ukrainian | 3 | 72 | 1.3 | 2 | Prylypko V. A. 527-87-65 |
| 2 | Electrical Engineering | Ukrainian | 3.4 | 180 | 3.3 | 5 | Puzanov A. P. |

| | | | | | | | |
|---|---|-----------|-----|-------------|-------------|--------------|---|
| | and Electromechanics | | | | | | 527-87-29 elpostach@gmail.com |
| 3 | Electronics and Microprocessor Technique | Ukrainian | 4.5 | 252 | 4.6 | 3 | Syniavs'kyi M. V. 527-87-44 |
| 4 | Automatic Systems' Projecting | Ukrainian | 7 | 288 | 5.3 | 7 | Lysenko V. P. 527-80-46 avto.ea@gmail.com |
| 5 | Automatic Operation Theory | Ukrainian | 5.6 | 360 | 6.6 | 8 | Shurub. Yu. V. 527-82-22 avto.ea@gmail.com |
| 6 | Automation Technical Tools | Ukrainian | 6 | 288 | 5.3 | 8.0 | Tsygul'ov I. T. 527-82-22 avto.ea@gmail.com |
| 7 | Metrology, Technological Measurement and Devices | Ukrainian | 4.5 | 288 | 5.3 | 8.0 | Ruban O. V. 527-87-29 elpostach@gmail.com |
| 8 | Identification and Modelling of the Technological Objects | Ukrainian | 7 | 180 | 3.3 | 5.0 | Kuz'menko B. V. 527-82-22 avto.ea@gmail.com |
| 9 | Automating of Technological Processes and Productions | Ukrainian | 6 | 252 | 4.6 | 7.0 | Chapnyi M. V. 527-83-82 avto.ea@gmail.com |
| 10 | Labour Protection Principles | Ukrainian | 7 | 54 | 1 | 1.5 | Honcharov F. I. 527-82-99 |
| Total for the 1st subcycle of professional and practical training | | | | 2214 | 41 | 61.5 | |
| The 2nd subcycle of professional and practical training | | | | | | | |
| 1 | Studying Training | | | 360 | 6.6 | 10 | |
| 2 | Industrial Training | | | 180 | 3.3 | 5 | |
| 3 | Diploma Projecting | | | 180 | 3.3 | 5 | |
| Total for the 2nd subcycle of professional and practical training | | | | 720 | 13.3 | 20 | |
| Total for the cycle of professional and practical training | | | | 2934 | 54.3 | 81.5 | |
| Total with the compulsory component | | | | 3870 | 71.6 | 107.5 | |
| Optional Component for 8.092501 – “Automated Control of Technological Processes” | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| 1 | Computer Mathematical Modelling | Ukrainian | 5 | 72 | 1.3 | 2 | Subotina O. V 257-80-13 |
| 2 | Computer Graphics | Ukrainian | 3 | 72 | 1.3 | 2.0 | Bolbot I. M. 527-87-33 dekanatea@gmail.com |
| 3 | Real Time Systems' Programming | Ukrainian | 8 | 72 | 1.3 | 2.0 | Holub B. L. 527-80-13 infosystex@gmail.com |
| 4 | Introduction to Speciality | Ukrainian | 1 | 36 | 0.6 | 1.0 | Shvorov S. A. 527-82-22 avto.ea@gmail.com |

| | | | | | | | |
|----|---|-----------|-----|-----|-----|-----|---|
| 5 | Producing, Storage and Processing of Agricultural Products Technology | Ukrainian | 1-3 | 108 | 2 | 3.0 | Lihter M. I. 527-88-59 Tarasenko O. O. 527-81-18 |
| 6 | Principles of Electrical Materials Science | Ukrainian | 2 | 54 | 1 | 1.5 | Brahida M. V. 527-87-89 elmashex@gmail.com |
| 7 | Principles of Computer Usage | Ukrainian | 2 | 54 | 1 | 1.5 | Tepliuk V. M. 527-82-66 avto.ea@gmail.com |
| 8 | Computer-Integrated Technologies | Ukrainian | 4 | 90 | 1.6 | 2.5 | Holub B. L. 527-80-13 infosystex@gmail.com |
| 9 | Electric Machines and Micromachines | Ukrainian | 5.6 | 126 | 2.3 | 3.5 | Chuyenko M. O. 527-87-55 elmashex@gmail.com |
| 10 | Checking and Measuring Devices of the Operating Systems | Ukrainian | 5 | 54 | 1 | 1.5 | Shvorov S. A. 527-82-22 avto.ea@gmail.com |
| 11 | Electrotechnologies in AIC | Ukrainian | 7 | 72 | 1.3 | 2.0 | Borsch H. M. 527-85-22 epet.ea@gmail.com |
| 12 | Automated Electrical Drive | Ukrainian | 8 | 72 | 1.3 | 2.0 | Syniavs'kyi O. U. 527-85-22 epet.ea@gmail.com |
| 13 | Digital Operating Systems | Ukrainian | 8 | 54 | 1 | 1.5 | Shurub Yu. V. 527-82-22 avto.ea@gmail.com |
| 14 | Bases of Scientific Researches | Ukrainian | 8 | 54 | 1 | 1.5 | Reshetiuk V. M. 527-87-44 avto.ea@gmail.com |
| 15 | Bases of Technical Exploitation | Ukrainian | 8 | 72 | 1.3 | 2.0 | Bragida M. V. 527-87-89 elmashex@gmail.com |
| 16 | Economy of the Automated Productions in AIC | Ukrainian | 8 | 54 | 1 | 1.5 | Bezкровnyi M. F. 527-80-61 |
| 17 | Automated Operating Systems | Ukrainian | 7 | 54 | 1 | 1.5 | Kotov B. I. 527-82-22 avto.ea@gmail.com |
| 18 | Adaptive Operating and Controlling Systems | Ukrainian | 8 | 72 | 1.3 | 2.0 | Zaitsev O. V. 527-80-13 infosystex@gmail.com |
| 19 | Modelling and Optimization of Operating Systems | Ukrainian | 8 | 72 | 1.3 | 2.0 | Zaitsev O. V. 527-80-13 infosystex@gmail.com |

| | | | | | | | |
|---|--|-----------|---|-------------|-------------|-----------|---|
| | | | | | | | m |
| 20 | Software for Computer-Integrated Technologies | Ukrainian | 7 | 72 | 1.3 | 2.0 | Holub B. L. 527-80-13 infosystex@gmail.com |
| 21 | Principles of Management, Marketing and Business | Ukrainian | 7 | 54 | 1 | 1.5 | Bezkrivnyi M. F. 527-80-61 |
| 22 | Theoretical Mechanics | Ukrainian | 2 | 72 | 1.3 | 2.0 | Holovach I. V. 527-82-63 |
| 23 | Descriptive Geometry | Ukrainian | 1 | 90 | 1.6 | 2.5 | Bartsyhivs'kyi S. B. 527-82-26 |
| 24 | Applied Mechanics and Construction Principles | Ukrainian | 4 | 108 | 2 | 3.0 | Yaremenko V. V. 527-87-34 |
| 25 | Information Theory | Ukrainian | 6 | 90 | 1.6 | 2.5 | Hladkyi A. M. 527-82-22 avto.ea@gmail.com |
| 26 | Reliability and Diagnostics | Ukrainian | 6 | 72 | 1.3 | 2.0 | Zaslavs'kyi V. A. 527-82-22 avto.ea@gmail.com |
| 27 | Hydro-Gas Dynamics | Ukrainian | 4 | 90 | 1.6 | 2.5 | Palishkin M. A. 527-87-48 teplotex.ea@gmail.com |
| 28 | Thermodynamics and Heat Engineering | Ukrainian | 5 | 90 | 1.6 | 2.5 | Lazorenko V. O. 527-87-48 teplotex.ea@gmail.com |
| 29 | Typical Technological Objects and Production Processes | Ukrainian | 5 | 72 | 1.3 | 2.0 | Reshetiuk V. M. 527-87-44 avto.ea@gmail.com |
| 30 | Performing Devices of the Operating Systems | Ukrainian | 6 | 54 | 1 | 1.5 | Tsygul'ov I. T. 527-82-22 avto.ea@gmail.com |
| 31 | Office Equipment and Communication Techniques | Ukrainian | 8 | 54 | 1 | 1.5 | Opryshko O. O. 527-87-45 avto.ea@gmail.com |
| Total for the disciplines of the University's choice | | | | 2232 | 41.3 | 62 | |
| Disciplines chosen by students | | | | | | | |
| 1 | Economics Theory | Ukrainian | 6 | 72 | 1.3 | 2 | Poberezhets' T. I. 527-82-35 |
| 2 | Political Science | Ukrainian | 7 | 72 | 1.3 | 2 | Hrabovs'kyi O. V. 527-82-48 |
| 3 | Sociology | Ukrainian | 7 | 72 | 1.3 | 2 | Volobuev V. I. 527-81-71 |
| 4 | Science of Law | Ukrainian | 6 | 72 | 1.3 | 2 | Kozachuk O. A. 257-33-10 |
| 5 | Psychology | Ukrainian | 8 | 72 | 1.3 | 2 | Svystun V. I. 527-22-10 |
| 6 | Religious Studies | Ukrainian | 4 | 72 | 1.3 | 2 | Hudina N. M. 527-81-50 |

| | | | | | | | |
|--|--|-----------|---|-------------|-------------|------------|---|
| 7 | Electronic Transformers | Ukrainian | 7 | 72 | 1.3 | 2 | Syniavs'kyi M. V. 527-87-44 avto.ea@gmail.com |
| 8 | TT and Computer Maintenance | Ukrainian | 7 | 72 | 1.3 | 2 | Opryshko O. O. 527-87-45 avto.ea@gmail.com |
| 9 | Elements and Functional Nodes of the Information-Measuring Complexes | Ukrainian | 8 | 72 | 1.3 | 2 | Tepliuk V. M. 527-82-66 avto.ea@gmail.com |
| 10 | System Analysis Bases | Ukrainian | 8 | 72 | 1.3 | 2 | Zaslavs'kyi V. A. 527-82-22 avto.ea@gmail.com |
| Total for the disciplines of the students' choice | | | | 720 | 13.7 | 20 | |
| Total with the optional component | | | | 2952 | 54.7 | 82 | |
| Total with the area of training | | | | 8640 | 160 | 240 | |

* Physical Training is included into the weekly classroom load (30 hours), but it is not an academic credit discipline.

Tentative topics for Bachelor's projects

1. Hothouse research for the automation of air temperature conditions during the tomato growing.
2. System of the automated regulation of the air humidity in a hothouse.
3. Elaboration of the system for automated regulation of the carbonic acid gas concentration in a hothouse.
4. Improvement of the system for the automated regulation of the water level in a pumping station.
5. Elaboration of the system for the automated operation of the process of forage preparation and distribution during the hog fattening.
6. System of the automated regulation of the active ventilation of grain in a granary.
7. System of the automated regulation of the pressure in a water supply system.
8. Elaboration of the system for automated regulation of the seedlings' illuminating in a hothouse.
9. System of the automated regulation of the air temperature in a closed soil.
10. System of the automated regulation of the air humidity in a vegetable storehouse.
11. System of the automated regulation of the air temperature in a field mushrooms' complex.
12. Elaboration of the system for automated regulation of the microclimate in an incubator.
13. System of the automated regulation of the temperature in an incubator.
14. Elaboration of the system for automated regulation of the temperature conditions in a shop for pedigree hens breeding on the basis of the microcomputer.
15. Elaboration of the system for automated regulation of the crusher DB-5.
16. System of the automated regulation of the milk pasteurization temperature.
17. Elaboration of the system for the automated control under the indexes of electric power quality in subdivisions of the National University of Life and Environmental Sciences of Ukraine.
18. Elaboration of the system for automated regulation of the temperature conditions in an aviary.
19. System of the automated regulation of the temperature in a pigsty for brood females.
20. Elaboration of the system for automated regulation of the air temperature in an aviary.

Training EQL “Bachelor” with the shorter training period meant for Junior Specialists

Graduates who have received EQL “Junior Specialist” for the area **6.050202 – “Automation and Computer-integrated Technologies”** with the specialization:

5.05020201 – “Installation, Servicing of Means and Systems of Technical Production’s Automation”

are admitted to training for EQL “Bachelor” with the shorter (two years) training period after passing the entrance examinations in professional disciplines and eliminating differences in academic curricula.

Curriculum for EQL “Bachelor” with the shorter (two years) training period in the area “Automation and Computer-integrated Technologies” meant for Junior Specialists

| Num ber | Academic Discipline, Practice | Language of Training | Semester | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|--|--|-------------------------|----------|--------|--------------|----------|--|
| | | | | Hours | Credits | | |
| | | | | | N ational | ECT S | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and socio-economic training | | | | | | | |
| | Physics | Ukrainian | 2 | 180 | 3,3 | 5,0 | Boiko V. V. 527-84-27 ztfiz.ea@gmail.com |
| | Chemistry | Ukrainian | 1 | 108 | 2 | 3,0 | Ponomar'ova I. H. 527-80-32 |
| Total for the cycle of humanitarian and socio-economic training | | | | 288 | 5,3 | 8 | |
| Cycle of mathematical and natural-scientific training | | | | | | | |
| | Higher Mathematics | Ukrainian | 1,3 | 180 | 3,3 | 5,0 | Pantaliyenko L. A. 527-80-91 highpm.ea@gmail.com |
| | Numerical Methods | Ukrainian | 2 | 144 | 2,6 | 4,0 | Mazur O. K. 527-80-91 highpm.ea@gmail.com |
| | Computer Technologies and Programming | Ukrainian | 2 | 180 | 3,3 | 5,0 | Holub B. L. 527-80-13 infosystex@gmail.com |
| Total for the cycle of mathematical and natural-scientific training | | | | 504 | 9,2 | 14 | |
| Cycle for professional and practical training | | | | | | | |
| The 1 st subcycle of professional and practical training | | | | | | | |
| | Automatics Systems Projecting | Ukrainian | 3 | 144 | 2,6 | 4,0 | Lysenko V. P. 527-80-46 avto.ea@gmail.com |
| | Automatic Control Theory | Ukrainian | 2 | 162 | 3 | 4,5 | Holovins'kyi B. L. 527-82-22 avto.ea@gmail.com |
| | Technical Means of Automation | Ukrainian | 2 | 198 | 3,6 | 5,5 | Tsyhul'ov I. T. 527-82-22 avto.ea@gmail.com |
| | Metrology, Technological Measurement and Devices | Ukrainian | 1,3 | 144 | 2,6 | 4,0 | Ruban O. V. 527-87-29 elpostach@gmail.com |
| | Identification and Modelling of Technological Objects | Ukrainian | 4 | 108 | 2 | 3,0 | Kuz'menko B. V. 527-82-22 avto.ea@gmail.com |
| | Automation of Technological Processes and Objects | Ukrainian | 2 | 108 | 2 | 3,0 | Chapnyi M. V. 527-83-82 |

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|---|---|-----------|---|-------------|-------------|-----------|--|
| | | | | | | | avto.ea@gmail.com |
| Total for the The 1st subcycle of professional and practical training | | | | 864 | 12,6 | 24 | |
| The 2nd subcycle of professional and practical training | | | | | | | |
| | Study of Training | | | 180 | 3,3 | 5,0 | |
| | Industrial Training | | | 180 | 3,3 | 5,0 | |
| | Diploma Projecting | | | 180 | 3,3 | 5,0 | |
| Total for the The 2nd subcycle of professional and practical training | | | | 540 | 10 | 15 | |
| Total for the cycle of professional and practical training | | | | 1404 | 22,6 | 39 | |
| Total with the compulsory component | | | | 2196 | 40,6 | 61 | |
| Optional Component for 8.092501 – “Automated Control of Technological Processes” | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| | Principles of Computer Usage | Ukrainian | 1 | 72 | 1,3 | 2,0 | Tepliuk V. M. 527-82-66 avto.ea@gmail.com |
| | Computer-Integrated Technologies | Ukrainian | 4 | 72 | 1,3 | 2,0 | Holub B. L. 527-80-13 infosystex@gmail.com |
| | Checking and Measuring Devices of the Operating Systems | Ukrainian | 2 | 72 | 1,3 | 2,0 | Tsyhul'ov I. T. 527-82-22 avto.ea@gmail.com |
| | Electrotechnologies in AIC | Ukrainian | 3 | 90 | 1,6 | 2,5 | Chervins'kyi L. S. 527-87-73 epet.ea@gmail.com |
| | Digital Operating Systems | Ukrainian | 4 | 90 | 1,6 | 2,5 | Shurub Yu. V. 527-82-22 avto.ea@gmail.com |
| | Computer Mathematical Modelling | Ukrainian | 3 | 90 | 1,6 | 2,5 | Kuz'menko B. V. 527-82-22 avto.ea@gmail.com |
| | Computer Graphics | Ukrainian | 1 | 108 | 2 | 3,0 | Bolbot I. M. 527-87-33 dekanatea@gmail.com |
| | Real Time Systems' Programming | Ukrainian | 4 | 108 | 2 | 3,0 | Holub B. L. 527-80-13 infosystex@gmail.com |
| | Applied Mechanics and Construction Bases | Ukrainian | 1 | 72 | 1,3 | 2,0 | Yaremenko V. V. 527-82-63 |
| | Information Theory | Ukrainian | 1 | 90 | 1,6 | 2,5 | Hladkyi A. M. 527-82-22 avto.ea@gmail.com |
| | Reliability and Diagnostics | Ukrainian | 2 | 72 | 1,3 | 2,0 | Nalyvaiko V. A. 527-87-55 dekanatea@gmail.com |
| | Hydro-Gas Dynamics | Ukrainian | 1 | 90 | 1,6 | 2,5 | Mishchenko A. V. 527-80-97 teplotex.ea@gmail.com |
| | Thermodynamics and Heat Engineering | Ukrainian | 1 | 72 | 1,3 | 2,0 | Lazzorenko V. O. 527-87-48 teplotex.ea@gmail.com |
| | Typical Technological Objects and Production Processes | Ukrainian | 1 | 72 | 1,3 | 2,0 | Reshetiuk V. M. 527-87-44 <u>avto.ea@gmail.com</u> |
| | Automated Operating Systems | Ukrainian | 3 | 216 | 4 | 6,0 | Kotov B. I. 527-82-22 avto.ea@gmail.com |
| | Adaptive Operating and Controlling Systems | Ukrainian | 4 | 90 | 1,6 | 2,5 | Zaitsev O. V. 527-80-13 infosystex@gmail.com |
| | Modelling and Optimization of | Ukrainian | 4 | 72 | 1,3 | 2,0 | Zaitsev O. V. |

| | | | | | | | |
|---|--|-----------|---|-------------|-------------|------------|---|
| | Operating Systems | | | | | | 527-80-13 infosystex@gmail.com |
| | Software for Computer-Integrated Technologies | Ukrainian | 3 | 72 | 1,3 | 2,0 | Holub B. L. 527-80-13 infosystex@gmail.com |
| | Performing Devices of the Operating Systems | Ukrainian | 3 | 72 | 1,3 | 2,0 | Tsyhul'ov I. T. 527-82-22 avto.ea@gmail.com |
| | Office Equipment and Communication Techniques | Ukrainian | 4 | 72 | 1,3 | 2,0 | Opryshko O. O. 527-82-22 avto.ea@gmail.com |
| | Principles of Scientific Researches | Ukrainian | 4 | 72 | 1,3 | 2,0 | Reshetiuk V. M. 527-87-44 avto.ea@gmail.com |
| Total for the disciplines chosen by the University | | | | 1836 | 34 | 51 | |
| Disciplines chosen by students | | | | | | | |
| | Economics Theory | Ukrainian | 3 | 72 | 1,3 | 2,0 | Pobeerozhets' T. I. 527-82-35 |
| | Political Science | Ukrainian | 3 | 72 | 1,3 | 2,0 | Hrabovs'kyi O. V. 527-82-48 |
| | Sociology | Ukrainian | 4 | 72 | 1,3 | 2,0 | Volobuev V. I. 527-81-71 |
| | Psychology | Ukrainian | 4 | 72 | 1,3 | 2,0 | Kozachuk O. A. 257-33-10 |
| | Religious Studies | Ukrainian | 3 | 72 | 1,3 | 2,0 | Svystun V. I. 257-22-10 |
| | Electronic Transformers | Ukrainian | 3 | 72 | 1,3 | 2,0 | Syniavs'kyi M. V. 527-87-44 avto.ea@gmail.com |
| | TT and Computer Maintenance | Ukrainian | 3 | 72 | 1,3 | 2,0 | Opryshko O. O. 527-82-22 avto.ea@gmail.com |
| | Elements and Functional Nodes of the Information-Measuring Complexes | Ukrainian | 4 | 72 | 1,3 | 2,0 | Tepliuk V. M. 527-82-66 avto.ea@gmail.com |
| | System Analysis Principles | Ukrainian | 4 | 72 | 1,3 | 2,0 | Zaslavs'kyi V. A. 527-82-22 avto.ea@gmail.com |
| Total for the disciplines of the students' choice | | | | 288 | 5,2 | 8 | |
| Total with the optional component | | | | 2124 | 39,3 | 59 | |
| Total with the area of training | | | | 4320 | 80 | 120 | |

Area of training 6.050701 – “Electrical Engineering and Electrical Technologies”

Training is carried out in:

- Basic institution of the University (Kyiv);

The structure of curriculum of training for EQL “Bachelor” in the area “Electrical Engineering and Electrical Technologies”

The Curriculum is concluded on the basis of educational and vocational training programs EQL “Bachelor” for “Electrical Engineering and Electrical Technologies”.

The compulsory component of the curriculum consists of 3 training cycles: the humanitarian humanitarian and social-economic, mathematical and natural-scientific, professional and practical, totalling 7650 hours, 141.7 national credits, and 212.5 ECTS credits.

The optional component of the curriculum consists of 2 training cycles: Disciplines chosen by the University and by students, totalling 990 hours, 18.3 national credits, and 27.5 ECTS credits.

The total time by the curriculum makes up 8640 hours, 160 national credits, and 240 ECTS credits.

The curriculum includes:

- writing 4 course projects (works) in: “Transitional Processes in Electric Power Engineering”, “Mathematical Problems of Power Engineering”, “Electrical Systems and Networks”, “Electrical Part of Stations and Substations”.
- 3 courses of practical training, academic and productive including.

Training period is 4 years.

State certification comprises a state examination, writing and defending a Bachelor’s paper.

Curriculum for EQL “Bachelor” in the area “Electrical Engineering and Electrical Technologies”

| Number | Academic Discipline, Practice | Language of Training | Semester | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|---|--|-----------------------------|----------|--------|----------|------|--|
| | | | | Hours | Credits | | |
| | | | | | National | ECTS | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and socio-economic training | | | | | | | |
| 1 | Ukrainian (in professional area) | Ukrainian | 1 | 108 | 2 | 3 | Diadechko L. A. 527-83-63 |
| 2 | History of Ukraine | Ukrainian | 2 | 108 | 2 | 3 | Bilan S. O. 527-82-64 |
| 3 | History of Ukrainian culture | Ukrainian | 2 | 72 | 1,3 | 2 | Bilan S. O. 527-82-64 |
| 4 | Foreign Language | English German French | 1-4 | 180 | 3,3 | 5 | Mahinova M. V. Zasidatel' S. V. 527-81-81 |
| 5 | Philosophy | Ukrainian | 3 | 108 | 2 | 3 | Vorona M. R. 527-81-50 |
| 6 | Physical Training* | Ukrainian | 1-4 | 360 | 6,6 | 10 | Burko S. V. 527-85-21 |
| Total for the cycle of humanitarian and socio-economic training | | | | 576 | 10,6 | 16 | |
| Cycle of mathematical and natural-scientific training | | | | | | | |
| | Ecology | Ukrainian | 3 | 72 | 1,3 | 2,0 | Rozputnii M. V. 527-87-65 |
| | Higher Mathematics | Ukrainian | 1-4 | 540 | 10 | 15,0 | Shostak S. V. 527-80-91 highpm.ea@gmail.com |
| | General Physics | Ukrainian | 1-3 | 288 | 5, | 8,0 | Vid'machenko A. P. 527-84-91 ztfiz.ea@gmail.com |
| | Chemistry | Ukrainian | 1 | 144 | 2,6 | 4,0 | Ponomar'ova I. H. 527-80-32 |
| | Technical Mechanics | Ukrainian | 2 | 144 | 2,6 | 4,0 | Yaremenko V. V. 527-82-63 |
| | Automatic Operation Theory | Ukrainian | 5,6 | 216 | 4 | 6,0 | Tsyhul'ov I. T. 527-82-22 avto.ea@gmail.com |
| | Calculating Techniques and Algorithmic Languages | Ukrainian | 1-3 | 252 | 4,6 | 7,0 | Bolbot I. M. 527-87-33 dekanatea@gmail.com |
| | Principles of Management | Ukrainian | 8 | 108 | 2 | 3,0 | Bezkrivnyi M. F. 527-80-61 |
| | Engineering Graphics | Ukrainian | 1,2 | 180 | 3,3 | 5,0 | Vasylyv P. A. 527-82-26 |
| | Construction Materials' Technology | Ukrainian | 3 | 108 | 2 | 3,0 | Polishchuk S. A. 527-84-28 |
| Total for the cycle of mathematical and natural-scientific training | | | | 2052 | 38 | 57 | |
| Cycle for professional and practical training | | | | | | | |
| The 1 st subcycle of professional and practical training | | | | | | | |
| | Labour Protection | Ukrainian | 8 | 144 | 2,6 | 4,0 | Honcharov F. I. 527-82-99 |
| | Theoretical Principles of Electrical Engineering | Ukrainian | 3-5 | 468 | 8,6 | 13,0 | Zhyl'tsov A. V. Kondratenko I. P. 527-87-29 elpostach@gmail.com |
| | Industrial Electronics | Ukrainian | 5 | 144 | 2,6 | 4,0 | Pastushenko V. S. 527-87-44 |

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|---|--|-----------|-----|-------------|-------------|--------------|---|
| | | | | | | | avto.ea@gmail.com |
| | Electrical Machines | Ukrainian | 5,6 | 252 | 4,6 | 7,0 | Chuenko R. M. 527-87-55 elmashex@gmail.com |
| | Electrotechnical Materials | Ukrainian | 4 | 216 | 4 | 6,0 | Kovtun P. M. 527-87-89 elmashex@gmail.com |
| | Principles of Metrology and Electrical Measuring | Ukrainian | 4 | 144 | 2,6 | 4,0 | Reznichenko T. P. 527-87-29 elpostach@gmail.com |
| | Introduction to Speciality | Ukrainian | 1 | 180 | 3,3 | 5,0 | Reznichenko T. P. 527-87-29 elpostach@gmail.com |
| | Mathematical Problem of Power Engineering | Ukrainian | 5,6 | 216 | 4 | 6,0 | Skrypnyk A. M. 527-87-29 elpostach@gmail.com |
| | Electrical Systems and Networks | Ukrainian | 5-8 | 576 | 10,6 | 16,0 | Tuhai Yu. I. 527-87-29 elpostach@gmail.com |
| | High Tension Techniques | Ukrainian | 7 | 144 | 2,6 | 4,0 | Kozyrs'kyi V. V. 527-85-80 |
| | Economy and Industries Organisaition | Ukrainian | 5 | 144 | 2,6 | 4,0 | Bezkrivnyi M. F. 527-80-61 |
| | Power Equipment of Electric Power Stations | Ukrainian | 4 | 162 | 3 | 4,5 | Shelimanova O. V. 527-87-48 teplotex.ea@gmail.com |
| | Electrical Part o Stations and Substations | Ukrainian | 7 | 288 | 5,3 | 8,0 | Skrypnyk A. M. 527-87-29 elpostach@gmail.com |
| | Transitional Processes in Electric Power Engineering | Ukrainian | 8 | 180 | 3,3 | 5,0 | Skrypnyk A. M. 527-87-29 elpostach@gmail.com |
| | Reliability and Electrical Systems Projecting | Ukrainian | 7,8 | 216 | 4 | 6,0 | Hai O. V. 527-87-29 elpostach@gmail.com |
| | Expert Systems of Decision-Making in Power Engineering | Ukrainian | 7 | 180 | 3,3 | 5,0 | Inozemtsev H. B. 527-87-29 elpostach@gmail.com |
| | Life Safety | Ukrainian | 6 | 144 | 2,6 | 4,0 | Kudriavys'tka A. M. 527-87-65 |
| | Principles of Projecting of LET Mechanical Part | Ukrainian | 6 | 144 | 2,6 | 4,0 | Trondiuk V. S. 527-87-29 elpostach@gmail.com |
| Total for the 1st subcycle of professional and practical training | | | | 3942 | 73 | 109,5 | |
| The 2nd subcycle of professional and practical training | | | | | | | |
| | Studying Training | | | 360 | 6,6 | 10 | |
| | Industrial Training | | | 180 | 3,3 | 5 | |
| | Diploma Projecting | | | 180 | 3,3 | 5 | |
| Total for the The 2nd subcycle of professional and practical training | | | | 720 | 13,3 | 20 | |
| Total with the cycle of professional and practical training | | | | 4662 | 86,3 | 129,5 | |
| Total with the Compulsory Component | | | | 7650 | | 212,5 | |
| Optional Component for 8.090603 – “Electrotechnical Systems of Electrical Consumption” | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| 1. | Diagnostics, Servicing and Maintenance of Electrical Equipment | Ukrainian | 6,7 | 180 | 3,3 | 5,0 | Kovtun P. M. 527-87-89 elmashex@gmail.com |
| 2. | Principles of Scientific Researches | Ukrainian | 8 | 108 | 2 | 3,0 | Inozemtsev H. B. 527-87-29 elpostach@gmail.com |
| 3. | Principles of LET Installation | Ukrainian | 5 | 180 | 3,3 | 5,0 | Trondiuk V. S.. 527-87-29 |

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|---|-------------------------------------|-----------|----------|-------------|-------------|--------------|---|
| | | | | | | | elpostach@gmail.com |
| 4. | Heat Engineering | Ukrainian | 3 | 108 | 2 | 3,0 | Shelimanova O. V. 527-87-48 teplotex.ea@gmail.com |
| 5. | Computers and Computer Technologies | Ukrainian | 1,7,8 | 126 | 2,3 | 3,5 | Vdovyn R. M.. 527-82-22 avto.ea@gmail.com |
| Total for the disciplines of the University's choice | | | | 702 | 13 | 19,5 | |
| Disciplines chosen by students | | | | | | | |
| | Philosophy (Ethics, Aesthetics) | Ukrainian | 4 | 72 | 1,3 | 2 | Vozniuk N. M. 527-87-26 |
| | Psychology | Ukrainian | 5 | 72 | 1,3 | 2 | Svystun V. I. 257-22-10 |
| | Sociology | Ukrainian | 6 | 72 | 1,3 | 2 | Volobuev V. I. 527-81-71 |
| | Principles of Economic Sciences | Ukrainian | 6 | 72 | 1,3 | 2 | Poberezhets' T. I. 527-82-35 |
| | Principles of Law Sciences | Ukrainian | 5 | 72 | 1,3 | 2 | Kozachuk O. A. 257-33-10 |
| | Political Science | Ukrainian | 6 | 72 | 1,3 | 2 | Hrabovs'kyi O. V. 527-82-48 |
| Total for the disciplines of the students' choice | | | | 288 | 5,3 | 8 | |
| Total with the optional component | | | | 990 | 18,3 | 28 | |
| Total with the area of training | | | | 8640 | 160 | 240,0 | |

* Physical Training is included into the weekly classroom load (30 hours), but it is not an academic credit discipline.

Tentative topics for Bachelor's projects

1. Modernization of electrical energy calculating system on TS 35/10 kw. "Andriivka" Khorol'ska branch of OJSC "Poltavaoblenergo".
2. Modernization of electrical energy calculating system on a substation 35/10 kw.
3. Calculation of a cable line with the tension of 10 kw.
4. Reconstruction of an air line with the tension of 10 kw.
5. Increasing of reliability of the distributive network 10 kw.
6. Modernization of electrical energy calculating system on a substation 330 kw. "Oktiabrs'ka" CES NPC Ukrenergo.
7. Increasing of the throughput of transformer substation 35/10 kw.
8. Elaboration of measures for energy conservation in Rozdil'nians'kyi REN OJSC "Odesaoblenergo".
9. System of uninterrupted power supply on Korostyn' REN OJSC "Zhytomyroblenergo".
10. Modernisation of DS 10 kw. on the basis of microprocessor means of defence.
11. Increasing of the throughput of distributive network 10 kw.
12. Increasing of efficiency and reliability of electrical networks 10 kw. in the RTS 35/10 kw. zone.
13. Reconstruction of electrical network with the tension of 10 kw.
14. Elaboration of means and methods of temperature controlling of RS 10 kw. contacts.
15. Reconstruction of transformer substation 110/10 kw.
16. Increasing of reliability of the power supply by autonomous electric power supply source using.
17. Reconstruction of an air line 10 kw.
18. Increasing of reliability of electrical networks 10 kw. by automatic sectionating usage.
19. Increasing of efficiency of electrical networks 10 kw.
20. Modernization of the regional transformer substation 35/10 kw.

Area of training 6.100101 – “Power Engineering and Electrotechnical Systems in AIC”

Training is conducted at :

- the basic educational institution of university (Kyiv);
- SA of NULES of Ukraine “The Crimean Agrotechnical University”;
- SD of NULES of Ukraine “Berezhany Agrotechnical Institute”;
- SD of NULES of Ukraine “Nizhyn Agrotechnical Institute”;
- SD of NULES of Ukraine “Nemyshevo Agrotechnical College”;
- SD of NULES of Ukraine “Tarashcha ”NIKP”

The structure of curriculum of training for EQL “Bachelor” in the area “Power Engineering and Electrotechnical Systems in AIC”

The Curriculum is concluded on the basis of educational and vocational training programs EQL “Bachelor” for “Power Engineering and Electrotechnical Systems in AIC” area .

The compulsory component of the curriculum consists of 3 training cycles: the humanitarian and socio-economic, mathematical and natural-scientific, professional and practical trainings, totalling 7560 hours, 140 national credits, and 210 ECTS credits.

The optional component of the curriculum consists of the subjects by the University and student’s choice, professional and training with general amount of 1080 hours, 20 national credits, and 30 ECTS credits.

The general amount of time envisaged by the curriculum makes up 8640 hours, 160 national credits, and 240 ECTS credits.

The curriculum includes:

- writing 6 course projects (works) in: “Computers and Computer Technologies”, “Heat Engineering and Using”, “Electrical Technologies and Electric Lighting of Heat”, “Bases of Power Supply”, “Electrical Machines”, “Theoretical Bases of Electrical Engineering”.
- 3 practical training, academic and production.

Training period is 4 years.

State certification comprises a state examination, writing and defending a Bachelor’s paper.

Curriculum for EQL “Bachelor” in the area “Power Engineering and Electrotechnical Systems in AIC”

| Num ber | Academic Discipline, Practice | Language of Training | Semester | Volume | | | Lecturer, Full Name, Telephone, E-mail |
|---|--|-----------------------------|----------|--------|--------------|----------|--|
| | | | | Hours | Credits | | |
| | | | | | nationa l | ECT S | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and socio-economic training | | | | | | | |
| 1 | Ukrainian (in professional area) | Ukrainian | 1 | 108 | 2 | 3 | Pereval's'ka M. A. 527-89-08 |
| 2 | History of Ukraine | Ukrainian | 1 | 108 | 2 | 3 | Bilan S. O. 527-82-64 |
| 3 | History of Ukrainian culture | Ukrainian | 2 | 72 | 1,3 | 2 | Bilan S. O. 527-82-64 |
| 4 | Foreign Language | English German French | 1,2 | 180 | 3,3 | 5 | Vereshchahina T. O. Yakushko K. H. 527-81-81 |
| 5 | Philosophy | Ukrainian | 3 | 108 | 2 | 3 | Vorona M. R. 527-81-50 |
| 6 | Physical Training* | Ukrainian | 1-4 | 360 | 6,6 | 10 | Burko S. V. 527-85-21 |
| Total for the cycle of humanitarian and socio-economic training | | | | 576 | 10,6 | 16 | |
| Cycle of mathematical and natural-scientific training | | | | | | | |
| | Higher Mathematics | Ukrainian | 1-3 | 432 | 8 | 12,0 | Konyshev V. S. Batechko N. H. 527-80-91 highpm.ea@gmail.com |
| | Applied Mathematics | Ukrainian | 4 | 108 | 2 | 3,0 | Skorohod T. A. 527-80-91 highpm.ea@gmail.com |
| | Chemistry | Ukrainian | 1 | 108 | 2 | 3,0 | Ponomar'ova I. H. 527-80-32 |
| | Computers and Computer Technologies | Ukrainian | 1,2,6 | 324 | 3 | 9,0 | Opryshko O. O. Vdovin R. M. 527-82-22 avto.ea@gmail.com |
| | Engineering and Computer Graphics | Ukrainian | 1,2 | 432 | 8 | 12,0 | Pylypaka S. F. Bartsyhivs'kyi S. B. 527-82-26 |
| | Physics | Ukrainian | 2,3 | 432 | 8 | 12,0 | Boiko V. V. 527-84-27 ztfiz.ea@gmail.com |
| | Electrotechnical Materials | Ukrainian | 3 | 108 | 2 | 3,0 | Kovtun P. M. 527-87-89 elmashex@gmail.com |
| | Engineering Mechanics | Ukrainian | 3,4 | 378 | 7 | 10,5 | Berezovyi M. H. 527-82-63 |
| | Theoretical Principles of Electrical Engineering | Ukrainian | 3-5 | 432 | 8 | 12,0 | Pushylin V. M. Vasylenko V. V. 527-87-29 |

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|--|---|-----------|-----|---------------|-----------|-------------|---|
| | | | | | | | elpostach@gmail.com |
| | Principles of Automatics | Ukrainian | 5,6 | 108 | 2 | 3,0 | Hladkyi A. M. 527-82-22 avto.ea@gmail.com |
| | Principles of Business, Management and Marketing in AIC | Ukrainian | 4 | 108 | 2 | 3,0 | Bezкровnyi M. F. 527-80-61 |
| Total for the cycle of mathematical and natural-scientific training | | | | 2970,0 | 55 | 82,5 | |
| Cycle for professional and practical training | | | | | | | |
| The 1st subcycle of professional and practical training | | | | | | | |
| | Introduction to Speciality | Ukrainian | 1 | 72 | 1,3 | 2,0 | Rad'ko I. P. 527-87-31 dekanatea@gmail.com |
| | Life Safety | Ukrainian | 2 | 108 | 2 | 3,0 | Kudriavys'tka A. M. 527-87-65 |
| | Labour Protection | Ukrainian | 8 | 108 | 2 | 3,0 | Honcharov P. I. 527-82-99 |
| | Producing, Storage and Processing of Agricultural Products Technology | Ukrainian | 2 | 108 | 2 | 3,0 | Lihter M. I. 527-88-59 |
| | Machines and Equipment of AIC | Ukrainian | 4 | 108 | 2 | 3,0 | Lishchyns'kyi S. P. 527-85-35 |
| | Electronics and Microcircuit Techniques | Ukrainian | 4 | 108 | 2 | 3,0 | Pastushenko V. S. 527-87-44 avto.ea@gmail.com |
| | Installation of Power Equipment and Controlling Systems | Ukrainian | 4 | 108 | 2 | 3,0 | Ruban O. V. 527-87-29 elpostach@gmail.com |
| | Checking and Measuring Devices with the Bases of Metrology | Ukrainian | 5 | 108 | 2 | 3,0 | Reznichenko T. P. 527-87-29 elpostach@gmail.com |
| | Hydraulics and Water Supply | Ukrainian | 5 | 108 | 2 | 3,0 | Karpus' O. T. 527-87-48 teplotex.ea@gmail.com |
| | Heat Engineering and Heat Using | Ukrainian | 4 | 108 | 2 | 3,0 | Lazorenko V. O. Drahanov B. H. 527-87-48 teplotex.ea@gmail.com |
| | Electrical Machines | Ukrainian | 5,6 | 432 | 8 | 12,0 | Vas'kovs'kyi Yu. M. 527-87-89 elmasheх@gmail.com |
| | Principles of Power Supply | Ukrainian | 7 | 360 | 6,6 | 10,0 | Omel'chuk A. O. 527-87-29 elpostach@gmail.com |
| | Principles of Electrical Drive | Ukrainian | 6,7 | 288 | 5,3 | 8,0 | Syniavs'kyi O. Yu. 527-85-22 epet.ea@gmail.com |
| | Electrical Technologies and Electric Lighting | Ukrainian | 7,8 | 324 | 6 | 9,0 | Chervins'kyi L. S. 527-87-73 |

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|---|--|-----------|-----|---------------|-------------|--------------|---|
| | | | | | | | epet.ea@gmail.com |
| | Economics and Power Service Organisation | Ukrainian | 6 | 108 | 2 | 3,0 | Bezкровnyi M. F. 527-80-61 |
| | Principles of Power Equipment and Controlling Means Technical Exploitation | Ukrainian | 7,8 | 252 | 4,6 | 7,0 | Brahida M. V. 527-87-89 elmashex@gmail.com |
| | Principles of Ecology | Ukrainian | 8 | 72 | 1,3 | 2,0 | Rozputnii M. V. 527-87-65 |
| | Principles of Power Objects of AIC Projecting | Ukrainian | 8 | 108 | 2 | 3,0 | Oliinyk P. V. 527-85-22 epet.ea@gmail.com |
| Total for the 1st subcycle of professional and practical training | | | | 3348,0 | 62 | 93 | |
| The 2nd subcycle of professional and practical training | | | | | | | |
| | Studying Training | | | 360 | 6,6 | 10 | |
| | Industrial Training | | | 180 | 3,3 | 5 | |
| | Diploma Projecting | | | 180 | 3,3 | 5 | |
| Total for the The 2nd subcycle of professional and practical training | | | | 720 | 13,3 | 20 | |
| Total with the cycle of professional and practical training | | | | 4662 | 86,3 | 129,5 | |
| Total with the compulsory component | | | | 7560 | 140 | 210 | |
| Optional Component for 8.091901 – “Energetics of Agricultural Production” | | | | | | | |
| Disciplines chosen by the university | | | | | | | |
| 1. | Heat and Power Plants and Systems | Ukrainian | 7 | 324 | 6 | 9 | Drahanov B. Kh. 527-87-48 teplotex.ea@gmail.com |
| 2. | Optimisation of Power Supply and Energy Conservation Systems | Ukrainian | 8 | 216 | 4 | 6 | Mishchenko A. V. 527-80-97 teplotex.ea@gmail.com |
| 3. | Power Supply and Updated Energy Sources Using | Ukrainian | 7 | 324 | 6 | 9 | Shelimanova O. V. 527-87-48 teplotex.ea@gmail.com |
| 4. | Calculating and Regulating of Energy Sources Consumption | Ukrainian | 8 | 216 | 4 | 6 | Lut M. T. 527-87-89 elmashex@gmail.com |
| 5. | Technical Means of Calculating and Regulating of Heat-Carrying Agents' Consumption | Ukrainian | 8 | 216 | 4 | 6 | Lazorenko V. O. 527-87-48 teplotex.ea@gmail.com |
| 6. | Bases of Power Audit | Ukrainian | 7 | 324 | 6 | 9 | Lut M. T. 527-87-89 elmashex@gmail.com |
| 7. | Bases of CAIP | Ukrainian | 7 | 324 | 6 | 9 | Vdovin R. M. 527-82-22 avto.ea@gmail.com |
| 8. | Bases of Power Management | Ukrainian | 8 | 216 | 4 | 6 | Voloshyn S. M. 527-83-08 elpostach@gmail.com |
| 9. | Electrical Apparatus of Stations and Substations | Ukrainian | 7 | 324 | 6 | 9 | Omel'chuk A. O. |

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|--|---|-----------|---|-------------|-------------|-----------|---|
| | | | | | | | 527-87-29 elpostach@gmail.com |
| 10. | Electrical Network | Ukrainian | 8 | 216 | 4 | 6 | Hai O. V. 527-87-29 elpostach@gmail.com |
| 11. | Registration of Energy Sources | Ukrainian | 7 | 324 | 6 | 9 | Lut M. T. 527-87-89 elmashex@gmail.com |
| 12. | Automated Devices of Power Supply Systems | Ukrainian | 8 | 216 | 4 | 6 | Kaplun V. V. 527-87-35 ndienergy@gmail.com |
| 13. | Power Supply and Updated Energy Sources Using | Ukrainian | 8 | 216 | 4 | 6 | Shelimanova O. V. 527-87-48 teplotex.ea@gmail.com |
| Total for the disciplines of the University's choice | | | | 1080 | 20 | 30 | |
| Disciplines chosen by students | | | | | | | |
| 1. | Political Sciences | Ukrainian | 3 | 72 | 1,3 | 2 | Hrabovs'kyi O. V. 527-82-48 |
| 2. | Sociology | Ukrainian | 3 | 72 | 1,3 | 2 | Hrabovs'kyi O. V. 527-82-48 |
| 3. | Economic Theory | Ukrainian | 5 | 72 | 1,3 | 2 | Poberezhets' T. I. 527-82-35 |
| 4. | Law Sciences | Ukrainian | 8 | 72 | 1,3 | 2 | Koachuk O. A. 257-33-10 |
| 5. | Cultural Sciences | Ukrainian | 8 | 72 | 1,3 | 2 | Ohrimenko O. V. 527-89-08 |
| Total for the disciplines of the students' choice | | | | 288 | 5,3 | 8 | |
| Total with the optional component | | | | 1368 | 25,3 | 38 | |
| Optional Component for 8.091903 – "Electrification and Automation of Agriculture" | | | | | | | |
| Disciplines chosen by the university | | | | | | | |
| 1. | Diagnostics of Power Equipment | Ukrainian | 7 | 324 | 6 | 9 | Nalyvaiko V. A. 527-87-55 dekanatea@gmail.com |
| 2. | Technical Service of Electrical Equipment | Ukrainian | 8 | 216 | 4 | 6 | Nalyvaiko V. A. 527-87-55 dekanatea@gmail.com |
| 3. | Apparatus of Control and Protection | Ukrainian | 7 | 324 | 6 | 9 | Kokhanivs'kyi S. P. 527-87-89 elmashex@gmail.com |
| 4. | Controlled Electrical Drive | Ukrainian | 8 | 216 | 4 | 6 | Syniavs'kyi O. Yu. 527-85-22 epet.ea@gmail.com |
| 5. | Automation Means in Electrical Technologies | Ukrainian | 7 | 324 | 6 | 9 | Borshch H. M. 527-85-22 epet.ea@gmail.com |
| 6. | Energy Conservation and Rational Usage of Electric Energy | Ukrainian | 8 | 216 | 4 | 6 | Inozemtsev H. B. 527-87-29 elpostach@gmail.com |

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|---|---|-----------|---|-------------|-------------|------------|--|
| 7. | Carrying Mechanisms in Automatics Systems | Ukrainian | 7 | 324 | 6 | 9 | Tsyhul'ov I. T. 527-82-22 avto.ea@gmail.com |
| 8. | Transitive Electromagnetic Processes | Ukrainian | 7 | 324 | 6 | 9 | Kozyrs'kyi V. V. 527-85-80 nnienergy@gmail.com |
| 9. | Electrophysical Methods of Agricultural Production and Materials Processing | Ukrainian | 7 | 324 | 6 | 9 | Chervins'kyi L. S. 527-87-73 epet.ea@gmail.com |
| 10. | Automating of Technological Processes | Ukrainian | 8 | 216 | 4 | 6 | Chapnyi M. V. 527-83-82 avto.ea@gmail.com |
| 11. | Electronic Devices in Controlling Systems | Ukrainian | 8 | 216 | 4 | 6 | Syniavs'kyi M. V. 527-87-44 avto.ea@gmail.com |
| Total for the disciplines of the University's choice | | | | 1080 | 20 | 30 | |
| Disciplines chosen by students | | | | | | | |
| 1. | Political Sciences | Ukrainian | 3 | 72 | 1,3 | 2 | Hrabovs'kui O. V. 527-82-48 |
| 2. | Sociology | Ukrainian | 3 | 72 | 1,3 | 2 | Hrabovs'kui O. V. 527-82-48 |
| 3. | Economic Theory | Ukrainian | 5 | 72 | 1,3 | 2 | Poberezhets' T. I. 527-82-35 |
| 4. | Law Sciences | Ukrainian | 8 | 72 | 1,3 | 2 | Kozachuk O. A. 257-33-10 |
| 5. | Cultural Sciences | Ukrainian | 8 | 72 | 1,3 | 2 | Ohrimenko O. V. 527-89-08 |
| Total for the disciplines of the students' choice | | | | 288 | 5,3 | 8 | |
| Total with the optional component | | | | 1368 | 25,3 | 38 | |
| Total with the area of training | | | | 8640 | 160 | 240 | |

* Physical Training is included into the weekly classroom load (30 hours), but it is not an academic credit discipline.

Tentative topics for Bachelor's projects

1. Station of power equipment servicing and maintenance.
2. Electrification of bio-gas fermentation the agricultural industry's waste.
3. Electrification of technological processes in electrical shop with a bay after repairing tests of controlling and protection apparatus.
4. Electrification of technological processes in the centre of power electrical equipment servicing with a bay for refurbishment of start-protecting apparatus.
5. Electrification of technological processes in a workshop with a bay for maintenance and servicing of controlling and protecting apparatus.
6. Electrification of technological processes on a bay for maintenance and servicing of automobile electrical equipment.
7. Electrification of technological processes in a maintenance centre with usage of compensated asynchronous engines.
8. Electrification of technological processes in the centre of technical diagnostics of agricultural enterprise's electrical equipment.
9. A bay for servicing and maintenance of electrical equipment of a mobile agricultural technique.
10. Microprocessor system of a relay protection AL-10 kw of a Rokytynivs'kyi DEN CJSC "A-E-S" Rivneenergo".
11. Elaboration of measures for economy of electric consumption on SD of NULES TRF "Velykosnityns'ke".
12. Automated system for commercial accounting of electric power DTS-35/10 kw.
13. Electrification of technological processes of AVM aggregate with a granulator.
14. Electrification of technological processes in spring hothouses.
15. Electrification of technological processes in an aviary designed for 15 thousand hens which are held in a coop.
16. Electrification of technological processes in a bay for mushroom growing.
17. Electrification of technological processes in a bay for hydrothermal grain processing.
18. Electrification of technological processes in a bay for milk reprocessing.
19. Electrification of technological processes in a hothouse with a low-volumetric hydroponics.
20. Power supply of a pig-fattening farm with a use of non-conventional sources of energy.
21. Power supply of a hothouse farm.
22. Elaboration of system of an automated control of a power plant work for keeping a temperature conditions in a swinery.
23. A system of automated controlling of an air humidifier in a hothouse.
24. Elaboration of a system of automated control and calculating of power sources' expenses under keeping hens in an aviary.
25. Electrical supply and automated calculating of electric power of farms and population centres in Rivne region.
26. System of an automated control of a carbonic acid gas production unit in a hothouse.
27. Elaboration of a system of an automated control of power plants for maintenance of temperature conditions in a swinery.
28. System of an automated control of power plants for maintenance of an air temperature in fruit stores.

Training EQL “Bachelor” with the shorter training period meant for Junior Specialists

Graduates who have received EQL “Junior Specialist” for the area **6.100101 – “Power Engineering and Electrotechnical Systems in AIC”** with the specialization::

5.10010102 – “Mounting, Servicing and Maintenance of Electrotechnical Plants in Agribusiness”

are admitted to training for EQL “Bachelor” with the shorter (two years) training period after passing the entrance examinations in professional disciplines and eliminating differences in academic curricula.

Curriculum for EQL “Bachelor” with the shorter (two years) training period in the area “Power Engineering and Electrotechnical Systems in AIC” meant for Junior Specialists

| N u m b e r | Academic Discipline, Practice | Language of Training | September | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|---|-------------------------------------|-----------------------------|-----------|--------|--------------|----------|--|
| | | | | Hours | Credits | | |
| | | | | | Nation al | ECT S | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and socio-economic training | | | | | | | |
| 1. | Foreign Language | English French German | 1,2 | 180 | 3,3 | 5,0 | Makhinova M. V. Karmazina O. P. 527-81-81 |
| 2. | Philosophy | Ukrainian | 1 | 108 | 2 | 3,0 | Vorona M. R. 527-81-50 |
| 3. | History of Ukrainian culture | Ukrainian | 2 | 72 | 1,3 | 2,0 | Bilan S. O. 527-82-64 |
| 4. | Physical Training* | Ukrainian | 1-2 | 180 | 3,3 | 5,0 | Burko S. V. 527-85-21 |
| Total for the cycle of humanitarian and socio-economic training | | | | 540 | 10 | 15 | |
| Cycle of mathematical and natural-scientific training | | | | | | | |
| 1. | Higher Mathematics | Ukrainian | 1,2 | 252 | 4,6 | 7,0 | Skorokhod T. A. 527-80-91 highpm.ea@gmail.com |
| 2. | Applied Mathematics | Ukrainian | 3 | 72 | 1,3 | 2,0 | Skorokhod T. A. Stetsenko S. V. 527-80-91 highpm.ea@gmail.com |
| 3. | Chemistry | Ukrainian | 1 | 72 | 1,3 | 2,0 | Ponomar'ova I. H. 527-80-32 |
| 4. | Engineering and Computer Graphics | Ukrainian | 1 | 72 | 1,3 | 2,0 | Babka V. M. 527-82-26 |
| 5. | Physics | Ukrainian | 1,2 | 180 | 3,3 | 5,0 | Vid'machenko A. P. 527-84-91 ztfiz.ea@gmail.com |
| 6. | Electrotechnical Materials | Ukrainian | 1 | 72 | 1,3 | 2,0 | Kovtun P. M. 527-87-89 elmashex@gmail.com |
| 7. | Engineering Mechanics | Ukrainian | 1,2 | 144 | 2,6 | 4,0 | Yaremenko V. V. 527-82-63 |
| 8. | Computers and Computer Technologies | Ukrainian | 1,2 | 108 | 2 | 3,0 | Opryshko O. O. 527-82-22 avto.ea@gmail.com |

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|---|---|-----------|-----|-------------|-------------|------------|---|
| Total for the cycle of mathematical and natural-scientific training | | | | 1152 | 21,3 | 32 | |
| Cycle for professional and practical training | | | | | | | |
| The 1st subcycle of professional and practical training | | | | | | | |
| 1. | Automatics Principles | Ukrainian | 2 | 108 | 2 | 3,0 | Tsyhul'ov I. H. 527-82-22 avto.ea@gmail.com |
| 2. | Machines and Equipment in AIC | Ukrainian | 4 | 108 | 2 | 3,0 | Chuenko M. O. 527-87-55 elmashex@gmail.com |
| 3. | Checking and Measuring Devices with the Bases of Metrology | Ukrainian | 2 | 108 | 2 | 3,0 | Reznichenko T. P. 527-87-29 elpostach@gmail.com |
| 4. | Hydraulics and Water Supply | Ukrainian | 3 | 108 | 2 | 3,0 | Palishkin M. A. 527-87-48 teplotex.ea@gmail.com |
| 5. | Heat Engineering and Heat Using | Ukrainian | 4 | 108 | 2 | 3,0 | Shelimanova O. V. 527-87-48 teplotex.ea@gmail.com |
| 6. | Electrical Machines | Ukrainian | 3 | 216 | 4 | 6,0 | Chuenko M. O. 527-87-55 elmashex@gmail.com |
| 7. | Principles of Power Supply | Ukrainian | 3 | 180 | 2,3 | 5,0 | Voloshyn S. M. 527-83-08 elpostach@gmail.com |
| 8. | Principles of Electrical Drive | Ukrainian | 3,4 | 216 | 4 | 6,0 | Holodnyi I. M. 527-85-22 avto.ea@gmail.com |
| 9. | Electrical Technologies and Electric Lighting | Ukrainian | 4 | 108 | 2 | 3,0 | Borshch H. M. 527-85-22 avto.ea@gmail.com |
| 10. | Principles of Projecting of LET Mechanical Part | Ukrainian | 4 | 72 | 1,3 | 2,0 | Kozyrs'kyi V. V. 527-85-80 nnienergy@gmail.com |
| Total for the 1st subcycle of professional and practical training | | | | 1548 | 28,6 | 43 | |
| The 2nd subcycle of professional and practical training | | | | | | | |
| 1. | Industrial Operational | | 2 | 180 | 3,3 | 5,0 | |
| Total for the 2nd subcycle of professional and practical training | | | | 180 | 3,3 | 5,0 | |
| Total with the cycle of professional and practical training | | | | 1728 | 32 | 48 | |
| Total with the compulsory component | | | | 3420 | 63,3 | 95 | |
| Optional Component for 8.091901 – “Energetics of Agricultural Production” | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| 1. | Technical Means of Connection | Ukrainian | 3 | 72 | 1,3 | 2,0 | Opryshko O. O. 527-82-22 avto.ea@gmail.com |
| 2. | Heat and Power Plants and Systems | Ukrainian | 4 | 108 | 2 | 3,0 | Drahanov B. Kh. 527-87-48 teplotex.ea@gmail.com |
| 3. | Electric Networks | Ukrainian | 4 | 144 | 2,3 | 4,0 | Omel'chuk A. O. 527-87-29 elpostach@gmail.com |
| 4. | Diagnostics of Power Equipment | Ukrainian | 4 | 144 | 2,3 | 4,0 | Lut M. T. 527-87-89 elmashex@gmail.com |
| 5. | Automation of Technological Processes | Ukrainian | 3 | 144 | 2,3 | 4,0 | Chapnyi M. V. 527-83-82 avto.ea@gmail.com |
| 6. | Electrophysical Methods of Agricultural Production and Materials Processing | Ukrainian | 3 | 108 | 2 | 3,0 | Muzychenko V. A. 527-85-22 epet.ea@gmail.com |
| 7. | Microcontrollers and | Ukrainian | 4 | 108 | 2 | 3,0 | Rudens'kyi A. A. |

| | | | | | | | |
|---|---|-----------|---|-------------|-------------|------------|---|
| | Microprocessor Systems | | | | | | 527-82-22 avto.ea@gmail.com |
| 8. | Electronical Devices in Controlling Systems | Ukrainian | 4 | 108 | 2 | 3,0 | Syniavs'kyi M. V. 527-87-44 avto.ea@gmail.com |
| Total for the disciplines of the University's choice | | | | 936 | 17,3 | 26 | |
| Disciplines chosen by students | | | | | | | |
| 1. | Political Sciences | Ukrainian | 3 | 72 | 1,3 | 2,0 | Volobuyev V. I. 527-81-71 |
| 2. | Sociology | Ukrainian | 3 | 72 | 1,3 | 2,0 | Volobuev V. I. 527-81-71 |
| 3. | Economy Theory | Ukrainian | 5 | 72 | 1,3 | 2,0 | Poberezhets' T. I. 527-82-35 |
| 4. | Law Sciences | Ukrainian | 8 | 72 | 1,3 | 2,0 | Kozachuk O. A. 257-33-10 |
| Total for the disciplines of the students' choice | | | | 144 | 2,6 | 4 | |
| Total with the optional component | | | | 1080 | 20 | 30 | |
| Total with the area of training | | | | 4320 | 80 | 120 | |

* Physical Training is included into the weekly classroom load (30 hours), but it is not an academic credit discipline.

2.12. EDUCATION-SCIENTIFIC INSTITUTE OF QUALITY, FOOD STANDARDIZATION AND FOOD TECHNOLOGIES

The Institute director is Doctor of Biological Sciences, Professor Sergey Melnychuk
Tel.: (044) 527-88-79. E-mail: @nauu.kiev.ua
Location: educational building № 12

The ESI of Quality, Food Standardization and Food Technologies includes :

The Faculty of Quality, Standardization and Certification of AIC Products

The Dean is PhD in Technical Sciences, Associate Professor **Larysa Vatslavivna Bal'-Prylipko**
Tel.: (044) 527-89-50; E-mail: bplv@mail.ru
Location: educational building № 12, room 306.

The Faculty conducts training for EQL “Bachelor” in the areas:

6.051701 – “Food Technology and Engineering”

Qualification of graduates: Engineer - Technologist

Graduates' academic rights – can continue their study for the Master's degree majoring in a relevant area from the curricula of undergraduate programs, beginning with the second year of study.

8.091707 – “ Technology of Meat Production, Preservation and Processing”

8.091708 – “Technology of Fish and Marine Products Production, Preservation and Processing”

or with specialities of the study area “Specific categories”:

8.000001 – “Quality, Standardization and Certification”

8.000005 – “Pedagogics of Higher School”

8.000007 – “Administrative Management”

Bases of students' practical training - PE of NULES of Ukraine “Vorzel”, State enterprise “Ukrainian Scientific - Research and Educational Center of Standardization, Certification and Quality”, Quality Management Institute of SE, Ukrainian Research and Educational Center for Food Conformation, OSS “Ukrzoovet-prompostach”, Ukrainian Laboratory of Quality and Safety of AIC; Ukrainian Association of Consumers; Scientific and Technical Center “Partner ISO”, Ukrainian Association of Quality, Collective enterprise “Kyiv poultry farm”, fish-breeding farm, SE “Ukrryba”, OSS “Khmelnit'skrybhosp”, Khmelnit'sk NPP, PE “Aquarium technologists”, OSS “Sumy rybhosp”, OSS “Hersonrybhosp”, CSS “Vil'shanka”, ARC “Fishmen of Kherson”, OSS “Poltavarybhosp”, Fish farm “Nyvka” of IFF UAAS, Institute of Fish-Farming of UAAS.

The Faculty of Plant Protection

The Dean is PhD in Agricultural Sciences, Assistant Professor **Yaroslav Oleksiyovych Likar**
Tel.: (044) 527-85-77 E-mail: dekanat_FZR@bigmir.net
Location: University building № 4, room 42.

The Faculty conducts training for EQL “Bachelor” in the areas:

6.090105 – “Plant Protection”

Qualification of graduates: Plant protection inspector

Graduates’ academic rights – can continue their study for the Master’s degree majoring in a relevant area from the curricula of undergraduate programs, beginning with the second year of study.

8.130104 – “Plant Protection”

8.130101 – “Agrochemistry and Soil Science”

or specialties of the training direction "Specific categories":

8.000001 – “Quality, Standardization and Certification”

8.000005 – “Pedagogics of Higher School”

8.000007 – “Administrative Management”

Bases of students’ practical studies:

OE NULES of Ukraine “Agronomic Research Station”, OE NULES of Ukraine “The O.V. Muzychenko Velykosnitynske Educational-Research Farm”, OE NULES of Ukraine “SRE Frunze”, OE NULES of Ukraine “Nizhyn Agrotechnological Institute”, The UAAS Institute of Agrarian Sciences, RE “Novosilky” of the UAAS Horticulture Institute, the UAAS Institute of Plant Protection, leading agricultural farms of different ownership forms.

Area of training 6.090105 – “Plant Protection”

Training takes place in the basic institution of the University (Kyiv)

The structure of curriculum of training for EQL “Bachelor” in the area “Plant Protection”

The Curriculum is concluded on the basis of educational and vocational training programs EQL “Bachelor” for “Plant Protection”

The compulsory component of the curriculum consists of 3 training cycles: the humanitarian and socio-economic, mathematical and natural-scientific, professional and practical, totaling 3078 hours, 57 national credits, 85.5 ECTS credits.

The optional component of the curriculum consists of Disciplines chosen by the University and by students (subcycles of the humanitarian and socio-economic, mathematical

and natural-scientific, professional and practical training) totaling 2826 hours, 52.3 national credits, 78.5 ECTS credits.

The total time by the curriculum makes up 8640 hours, 160 national credits, 240 ECTS credits.

The curriculum includes:

- writing 4 course projects (works) in: General Entomology, General Phyto-Pathology, Herb Science, integrated with Agricultural Entomology (0,5) and Agricultural Phyto-Pathology (0,5).
- writing a course project in: Herb science.
- technology study practice in 13 subjects: Botany, Agriculture mechanization, Agro-Zoology, Biological Plant Protection from Pests and Diseases, Agricultural Machines, Herb Science, General Entomology, General Phyto-Pathology, Fundamentals of Plant Quarantine, Mites, Nematodes - Harmful Organisms of Agricultural Crops, Chemical Plant Protection, Agricultural Entomology, Agricultural Phyto-Pathology;
- practical training.

Training period is 4 years.

State certification comprises a state examination, writing and defending a Bachelor's paper.

Curriculum for EQL “Bachelor” in the area “Plant Protection”

| Number serial | Academic discipline, practice | Language of Training | Semester | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|--|---|-------------------------|----------|--------|----------|------|--|
| | | | | hours | Credits | | |
| | | | | | National | ECTS | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and socio-economic training | | | | | | | |
| 1 | Ukrainian Language (Professional Orientation) | Ukrainian | 2.3 | 108 | 2 | 3 | Dyadechko L.A., Kiral S.S., Grytsenko T.B. 527-83-63 |
| 2 | History of Ukraine | Ukrainian, English | 1 | 108 | 2 | 3 | Kropyvko A.M., Zhyvora S.M., 527- 81-16 natashaisakova@ya.ru |
| 3 | History of Ukrainian Culture | Ukrainian, English | 1.2 | 72 | 1.3 | 2 | 527-89-08 culturolog@twin.nauu.kiev.ua |
| 4 | Foreign Language English | English | 1.2 | 180 | 3.3 | 5 | Rytikova L.L. Ohrodnichuk A.V. Bojko T.B. 527-81-81 |
| | German, French | German, French | 1.2 | 180 | 3.3 | 5 | 527-65-95 foreign_chair@twin.nauu.kiev.ua |
| 5 | Philosophy | Ukrainian, English | 2 | 108 | 2 | 3 | Vermenko A.P. 527-81-50 philosopher@twin.nauu.kiev.ua |
| 6 | Physical Training* | Ukrainian | 2 | 576 | 10.7 | 16 | Fedoryna N.B. 527-85-21 |
| Total for the cycle of humanitarian and socio-economic training | | | | 576 | 10.6 | 16 | |
| Cycle of mathematical and natural-scientific training | | | | | | | |
| 1 | Botany | Ukrainian, English | 1.2 | 108 | 2 | 3 | Yakubenko B.E. 527-85-76 botaniki@bigmir.net |
| 2 | Higher Mathematics | Ukrainian, English | 1 | 72 | 1.3 | 2 | Ruzhylo M.Y. 527-87-27 |
| 3 | Fundamentals of Computer Science | Ukrainian, English | 1 | 72 | 1.3 | 2 | Kasatkin D.Yu. compute_chair@twin.nauu.kiev.ua |
| 4 | Agrometeorology | Ukrainian | 1 | 54 | 1 | 1.5 | Yarosh A.V. 527-88-47 |
| 5 | General Microbiology | Ukrainian, English | 3 | 72 | 1.3 | 2 | |
| 6 | Biophysics | Ukrainian, English | 1 | 72 | 1.3 | 2 | Posudin Yu.I. 527-84-27 posudin@nauu.kiev.ua |
| 7 | Inorganic Chemistry | Ukrainian, English | 1 | 90 | 1.7 | 2.5 | Panchuk T.K. 527-80-95 analysis_chair@twin.nauu.kiev.ua |
| 8 | Analytical Chemistry | Ukrainian, English | 2 | 54 | 1 | 1.5 | Panchuk T.K. analysis_chair@twin.nauu.kiev.ua |
| 9 | Organic Chemistry | Ukrainian, English | 2 | 72 | 1.3 | 2 | Pyvovarova N.S. 527-88-97 |
| 10 | Physical and Colloid Chemistry | Ukrainian, English | 3 | 90 | 1.7 | 2.5 | 527-85-57 527-80-95 |
| 11 | Plant Physiology | Ukrainian, English | 4 | 72 | 1.3 | 2 | Marchenko O.A. 527-85-30 |
| 12 | Ecology | Ukrainian, English | 2 | 72 | 1.3 | 2 | Chaika V.M. 527-81-95 agroeco_chair@twin.nauu.kiev.ua |

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| 13 | Genetics | Ukrainian, English | 2 | 72 | 1.3 | 2 | Chechenyeva T.M. 527-88-32 tchgen@rambler.ru |
| Total for the cycle of mathematical and natural-scientific training | | | | 972 | 18 | 27 | |
| Cycle of professional and practical training | | | | | | | |
| 1 | Economy and Entrepreneurship, Management | Ukrainian, English | 7 | 126 | 2.3 | 3.5 | Vlasenko Yu.G. |
| 2 | Agricultural Zoology | Ukrainian, English | 3 | 90 | 1.7 | 2.5 | Shkaruba M.G. Babych A.G. 527-82-12 |
| 3 | Soil Science With the Basics of Geology | Ukrainian, English | 3 | 90 | 1.7 | 2.5 | Plyaha M.G. 527-86-31 vmkozak@rambler.ru |
| 4 | Chemical Protection (Phyto-Pharmacology) With Basics of Agro-Toxicology | Ukrainian, English | 5.6 | 162 | 3 | 4.5 | Zherebko V.M. 527-82-12 vigera@nauu.kiev.ua |
| 5 | Agricultural Entomology | Ukrainian, English | 7.8 | 216 | 4 | 6 | Likar Ya.O. 527-85-14 |
| 6 | Agricultural Phyto-Pathology | Ukrainian, English | 7.8 | 216 | 4 | 6 | Markov I.L. 527-82-11 phitopat_chair@twin.nauu.kiev.ua |
| 7 | Basics of Scientific Research in Protecting Plants | Ukrainian | 5 | 90 | 1.7 | 2.5 | Pasichnyk L.P. 527-85-14 Hentosh D.T. 527-82-12 |
| 8 | Mechanization And Electrification of Agricultural Production | Ukrainian | 1 | 144 | 2.7 | 4 | electrician_chair@twin.nauu.kiev.ua |
| | Tractors And Cars | Ukrainian | 1 | 144 | 2.7 | 4 | Mrachkovsky A.M. tractor_chair@twin.nauu.kiev.ua |
| | Agricultural Machinery | Ukrainian | 1.3 | 144 | 2.7 | 4 | Dyomin O.A. 527-85-37 |
| 9 | Principles of Personal and Social Safety | Ukrainian | 2 | 54 | 1 | 1.5 | Ermakova T.O. 527-67-90 |
| 10 | General Mycology | Ukrainian, English | 3 | 162 | 3 | 4.5 | Kyryk N.N. 527-82-11 phitopat_chair@twin.nauu.kiev.ua |
| 11 | Herb Science | Ukrainian | 3 | 108 | 2 | 3 | Kosolap M.P. 527-81-18 agriculture_chair@twin.nauu.kiev.ua |
| 12 | Agriculture | Ukrainian | 4 | 90 | 1.7 | 2.5 | Ivanyuk M.F. 527-81-18 |
| 13 | Agrochemistry | Ukrainian, English | 4 | 90 | 1.7 | 2.5 | Yashchenko L.M. 527-88-17 quality_chair@nauu.kiev.ua |
| 14 | Orcharding | Ukrainian | 6 | 90 | 1.7 | 2.5 | Stryelnikov V.O. 527-65-59 |
| 15 | Vegetable Growing | Ukrainian, English | 6 | 90 | 1.7 | 2.5 | Bobos I.M. 527-81-69 agroeco_chair@twin.nauu.kiev.ua |
| 16 | Crop Growing With Basics of Forage Production | Ukrainian, English | 6 | 126 | 2.3 | 3.5 | Dmytryshak M.Ya. 527-86-26 mokrienko-27@meta.ua |
| 17 | Selection and Seedage | Ukrainian | 8 | 72 | 1.3 | 2 | Duplyak O.T. 527-85-15 |

| | | | | | | | |
|---|---|-----------------------|-----|-------------|------------|-------------|---|
| | | | | | | | 527-83-28 selection_chair@twin.nauu.kiev.ua |
| 18 | Technologies of Crop Storing and Processing | Ukrainian | 8 | 108 | 2 | 3 | Rozhko V.I. 527-85-53 save_tech_chair@nauu.kiev.ua |
| 19 | General Phyto-Pathology | Ukrainian, English | 4 | 180 | 3.3 | 5 | Pikovsky M.I. Shendryk K.M. 527-82-11 phitopat_chair@twin.nauu.kiev.ua |
| 20 | General Entomology | Ukrainian, English | 5.6 | 180 | 3.3 | 5 | Plyska M.M. 527-85-14 |
| 21 | Agricultural Zoology | Ukrainian, English | 3 | 90 | 1.7 | 2.5 | Plyska M.M. 527-85-14 |
| 22 | Forecasting Diseases of Agricultural Crops | Ukrainian | 6 | 108 | 2 | 3 | Hentosh D.T. 527-82-11 phitopat_chair@twin.nauu.kiev.ua |
| 23 | Agricultural Pests Monitoring | Ukrainian | 7 | 108 | 2 | 3 | Pasichnyk L.P. 527-85-14 |
| 24 | Principles of Plant Quarantine | Ukrainian | 5 | 126 | 2.3 | 3.5 | Sykalo O.O. 527-82-12 m-oksana@bigmir.net |
| 25 | Plant Immunity | Ukrainian | 8 | 108 | 2 | 3 | Hlymjazny V.A. 527-82-11 phitopat_chair@twin.nauu.kiev.ua |
| 26 | Labour Protection | Ukrainian | 4 | 54 | 1 | 1.5 | Sheremet V.O. 527-82-99 |
| Total for the cycle of professional and practical training | | | | 3078 | 160 | 85.5 | |
| Total with the compulsory component | | | | 4158 | 77 | 115 | |
| Optional Component for 8.130104 – “Plant Protection” | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| 1 | Law | Ukrainian | 2 | 36 | 0.7 | 1 | 257-33-10 agrlandeko@yandex.ru |
| 2 | Sociology | Ukrainian | 2 | 36 | 0.7 | 1 | Bojko I.I. philosopher@twin.nauu.kiev.ua |
| 3 | Economic Theory | Ukrainian | 5 | 72 | 1.3 | 2 | Gavrylyuk V.P. ekteor_chair@twin.nauu.kiev.ua |
| 4 | Culturology | Ukrainian | 2 | 36 | 0.7 | 1 | 527-89-08 culturolog@twin.nauu.kiev.ua |
| 1 | Radiobiology | Ukrainian | 2 | 90 | 1.7 | 2.5 | Gudkov I.N. 527-89-26 radiobio_chair@twin.nauu.kiev.ua |
| 2 | General Virology | Ukrainian | 6 | 126 | 2.3 | 3.5 | Antipov I.A. 527-85-17 maksym@nauu.kiev.ua |
| 3 | Fundamentals of Biotechnology in Plant Protection | Ukrainian | 4 | 108 | 2 | 3 | Novak T.B. 527-85-17 maksym@nauu.kiev.ua |
| 1 | Agro-Zoology | Ukrainian | 1 | 144 | 2.7 | 3.5 | Plyska M.M. 527-85-14 |
| 2 | Apiculture | Ukrainian | 4 | 108 | 2 | 3 | Brovarsky V.D. 527-60-71 |
| 3 | Basics of Biological Plant Protection | Ukrainian | 6 | 144 | 2.7 | 4 | Yushchenko L.P. |
| 4 | Crop Standardization and Quality Control | Ukrainian | 6 | 90 | 1.7 | 2.5 | Matsejko L.M. Voitsekhivsky V.I. 527-82-78 |

| | | | | | | | |
|---|---|-----------|---|-------------|-------------|-------------|---|
| | | | | | | | save_tech_chair@nauu.kiev.ua |
| 5 | Integrated Plant Protection | Ukrainian | 7 | 144 | 2.7 | 4 | Vyhera S.M. 527-82-12 vigera@nauu.kiev.ua |
| 6 | Nematodes | Ukrainian | 4 | 108 | 2 | 3 | Babiyeh A.G. 527-82-12 vigera@nauu.kiev.ua |
| 7 | Acarology | Ukrainian | 7 | 108 | 2 | 3 | Shkaruba M.G. 527-82-12 vigera@nauu.kiev.ua |
| 8 | Disinfection of Quarantine Materials | Ukrainian | 7 | 126 | 2.3 | 3.5 | Sykalo O.O. 527-82-12 m-oksana@bigmir.net |
| 9 | Quarantine Harmful Organisms | Ukrainian | 6 | 144 | 2.7 | 4 | Sykalo O.O. 527-82-12 m-oksana@bigmir.net |
| 10 | Phytosanitary Law and International Cooperation | Ukrainian | 6 | 126 | 2.3 | 3.5 | Sykalo O.O. 527-82-12 m-oksana@bigmir.net |
| 11 | Methods of Inspecting and Testing yhe Quarantine Material | Ukrainian | 6 | 108 | 2 | 3 | Sykalo O.O. 527-82-12 m-oksana@bigmir.net |
| Total for the disciplines of the University's choice | | | | 1818 | 33.7 | 50 | |
| Disciplines chosen by students | | | | | | | |
| 1 | Latin | Latin | 2 | 36 | 0.7 | 1 | Grytsenko S.P. 527-87-26 |
| 2 | Psychology | Ukrainian | 3 | 36 | 0.7 | 1 | Polozenko O.V. 257-22-10 omelchenko2006@ukr.net |
| 3 | Politology | Ukrainian | 3 | 36 | 0.7 | 1 | Yatchenko V.F. philosopher @ twin.nauu.kiev.ua |
| 4 | Statistics (Professional Orientation) | Ukrainian | 3 | 126 | 2.3 | 3.5 | 527-82-36 |
| 5 | Accounting and Auditing (Professional Orientation) | Ukrainian | 4 | 90 | 1.7 | 2.5 | 527-83-61 |
| 6 | Entomoanthology | Ukrainian | 8 | 144 | 2.7 | 4 | |
| 7 | Phyto-Cytology | Ukrainian | 5 | 108 | 2 | 3 | Vyhera S.M. 527-82-12 vigera@nauu.kiev.ua |
| 8 | Shelter Belts Protection | Ukrainian | 8 | 90 | 1.7 | 2.5 | |
| 9 | Protection of Flower and Ornamental Plants | Ukrainian | 8 | 90 | 1.7 | 2.5 | |
| 10 | Agrocenoses Weed Protection | Ukrainian | 8 | 126 | 2.3 | 3.5 | |
| 11 | Protecting Crops in Hothouse | Ukrainian | | 126 | 2.3 | 3.5 | |
| Total for the disciplines of the students' choice | | | | 1008 | 18.7 | 28.5 | |
| Total with the optional component | | | | 2826 | 52.3 | 78.5 | |
| Total with the area of training | | | | 8640 | 160 | 240 | |

* Physical Training is included into the weekly classroom load (30 hours), but it is not an academic credit discipline.

Tentative topics for Bachelor's projects

2. Phenology of potato golden nematode on potato crops.
 3. Phenology of American white butterfly on decorative (fruit) crops.
 4. Biological features of ambrosia mugwort in phytocenoses.
 5. Biological features of the western flower thrips in hothouses.
 6. Biological features of phytophagous sucking insects of ornamental flower crops.
 7. Biological features of basic phytophagous insects on non-traditional fruit crops.
 8. Developmental features of dominant species of phytophagous insects of spring Vetch.
 9. Developmental features of rodents in agrophytocoenoses of perennial grasses.
 10. Phenology of mites in plantations of fruit and berry crops.
 11. Features of forming slug population in wild strawberry plantations.
 12. Peculiarities of fodder bean root rot.
 13. Features of spring wheat brand.
 14. Efficiency of seed mordants against the pea root rot.
 15. Developmental features winter wheat septoriozus.
 16. Developmental features of black wheat germ.
 17. Developmental features of sunflower rot.
 18. Developmental features of currant mildew.
 19. Peculiarities of cucumber spurious downy mildew.
 20. Developmental features of bean anthracnose.
 21. Resistance of pea varieties against root rot.
 22. Developmental features of beet weevils and their population on sugar beets.
 23. Developmental features of inter-branch pests of grain cereals (wheat, barley).
 24. Phenology of odd and ringed silkworm and their population on fruit crops.
 25. Swedish fly: developmental features and its population on crops of winter wheat and barley.
 26. Phenology of Colorado beetle and its population on potato plants.
 27. Developmental features of pea aphid on crops of annual legumes.
 28. Developmental features of pea aphid and its population on annual crops of legumes.
 29. Cereal aphid and wheat thrips: their developmental features and their population on winter wheat.
 30. Apple moth: its developmental features and its population on fruit crops.
 31. Pea grainus: developmental features and its population on pea crops.
- Phenology of apple Codling moth and its population on granular fruit crops.

Area of training 6.051701 – “Food Technologies and Engineering”

Training specialists is conducted at:

- **Basic institution of the University (Kyiv);**
- **SA of NULES of Ukraine “The Crimean Agrotechnological University”**

The structure of curriculum of training for EQL “Bachelor” in the area "Food Technology and Engineering".

The Curriculum is concluded on the basis of educational and vocational training programs EQL “Bachelor” for "Food Technology and Engineering".

The compulsory component of the curriculum consists of 3 training cycles: the humanitarian humanitarian and social-economic, mathematical and natural-scientific, professional and practical, totaling 8640 hours, 160 national credits and 240 ECTS credits.

The optional component of the curriculum consists of the subjects by the University and student's choice, professional and practical training with general amount of 900 hours, 16.6 national credits and 25 ECTS credits.

The general amount of time envisaged by the curriculum makes up 8640 hours, 160 national credits and 240 ECTS credits.

The curriculum includes:

- writing course projects (works) in: “Animal Husbandry Bases”, “Processes and Machines for Food Production”, “Design of The Bases of CAD Technology”, “Industry, Automation of Production Processes in Fish Processing”, “Automation of Production Processes of Meat Processing”,
- production practice;
- academic practice in “Introduction to the Specialty”, “Food Technologies”, “Basics of Animal Husbandry and Materials”.

Training period is 4 years.

State certification comprises a state examination, writing and defending a Bachelor's paper.

Curriculum for EQL “Bachelor” in the area “Food Technology and Engineering”

| Nu mbe r | Academic Discipline, Practice | Language of Training | Semes ter | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|---|--|-----------------------------|--------------|-----------|--------------|------|--|
| | | | | Hour s | Credits | | |
| | | | | | Natio nal | ECTS | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and socio-economic training | | | | | | | |
| 1 | Ukrainian language (in professional area) | Ukrainian | 1 | 108 | 2,0 | 3,0 | Shishkova L.S. 527- 80- 46 |
| 2 | History of Ukraine | Ukrainian | 1 | 108 | 2,0 | 3,0 | Zhyvora S.M. 527-81-16 |
| 3 | History of Ukrainian Culture | Ukrainian | 1 | 72 | 1,3 | 2,0 | Okhrimenko S.V. 527-89-08 |
| 4 | Foreign Language | English German French | 1 | 180 | 3,3 | 5,0 | Kosinoha L.V. 527-83-83 |
| 5 | Psychology | Ukrainian | 3 | 108 | 2,0 | 3,0 | Chekal’ L.A. 527-82-39 |
| Total for the cycle of humanitarian and socio-economic training | | | | 576 | 10,6 | 16 | |
| Cycle of mathematical and natural-scientific training | | | | | | | |
| 1 | Higher Mathematics | Ukrainian | 1,2,3 | 252 | 4,6 | 7,0 | Savchuk S.G. 527-82-29 |
| 2 | Physics | Ukrainian | 2,3 | 198 | 3,6 | 5,5 | Zaloyilo I.A. 527-85-72 |
| 3 | Chemical bases of food technologies, including: | Ukrainian | | 1044 | 19,3 | 29,0 | |
| 4 | General and Inorganic Chemistry | Ukrainian | 1 | 216 | 4,0 | 6,0 | Antrapitseva N.M. 527-80-94 |
| 5 | Organic chemistry | Ukrainian | 2 | 216 | 4,0 | 6,0 | Buhtiyarov V.K. 527-88-55 |
| 6 | Analytical Chemistry | Ukrainian | 3 | 180 | 3,3 | 5,0 | Antrapitseva N.M. 527-80-94 |
| 7 | Physical and Colloid Chemistry | Ukrainian | 3,4 | 216 | 4,0 | 6,0 | Smyk S.Y. 527-85-57 |
| 8 | Biochemistry | Ukrainian | 4,5 | 216 | 4,0 | 6,0 | Kalinin I.V. 527-80-24 |
| 9 | Information and information technologies | Ukrainian | 4 | 162 | 3,0 | 4,5 | Umanets R.M. 527-85-32 |
| 10 | Technical Microbiology | Ukrainian | 4 | 144 | 2,6 | 4,0 | Mel’nyk M.V. 527-88-65 |
| Total for the cycle of mathematical and natural-scientific training | | | | 2844 | 52,6 | 79 | |
| Cycle for professional and practical training | | | | | | | |
| The 1 st subcycle of professional and practical training | | | | | | | |
| 2 | Thermotechnics | Ukrainian | 4 | 72 | 1,3 | 2,0 | Lazarenko V.A. 527-87-45 |
| 3 | Electrical engineering | Ukrainian | 4 | 72 | 1,3 | 2,0 | Mrachkovs’kyi AM 527-87-89 |
| 4 | General food technology | Ukrainian | 8 | 720 | 13,3 | 20 | Lomova N.M. 527-80-41 |
| 5 | Standardization, metrology, certification and quality management | Ukrainian | 8 | 108 | 2,0 | 3,0 | Slobodianiuk N.M. 527-80-41 |
| 6 | Processes and devices for food industry | Ukrainian | 5 | 360 | 6,6 | 10,0 | Sukhenko V.Y. 527-80-41 |
| 7 | Automation of production process | Ukrainian | 7 | 108 | 2,0 | 3,0 | |
| 8 | Students’ Research | Ukrainian | 7 | 72 | 1,3 | 2,0 | Slobodianyuk N.M. 527-80-41 |
| 9 | Technology of health food | Ukrainian | 7 | 90 | 1,6 | 2,5 | Avdeeva L.Y. |

| | | | | | | | |
|---|--|-----------|---|-------------|--------------|--------------|--|
| | | | | | | | 527-80-41 |
| 10 | Food Chemistry | Ukrainian | 6 | 72 | 1,3 | 2,0 | Antraptseva N.M. 527-80-94 |
| 11 | Bases of Labor Protection | Ukrainian | 5 | 72 | 1,3 | 2,0 | Marchishina E.I. 527-82-99 |
| 12 | Technology of polysaccharides and their application in food industry | Ukrainian | 5 | 54 | 1,0 | 1,5 | Avdeeva L.Y. 527-80-41 |
| Total for the 1st subcycle of professional and practical training | | | | 1962 | 36,3 | 54,5 | |
| The 2nd subcycle of professional and practical training | | | | | | | |
| 1 | Technological practice | Ukrainian | 4 | 216 | 4,0 | 6,0 | Shtonda O.A., Lebska T.A. 527-80-41 |
| 2 | Pre-diploma practice | Ukrainian | 8 | 108 | 2,0 | 3,0 | Slobodanyuk N.M., Shtonda O.A. 527-80-41 |
| Total for the The 2nd subcycle of professional and practical training | | | | 324 | 6,0 | 9,0 | |
| Total for the Icycle of professional and practical training | | | | 2286 | 42,3 | 63,5 | |
| Total with the Compulsory Component | | | | 5706 | 105,6 | 158,5 | |
| Optional Component for 8.091707 – “Technology of Meat Production, Preservation and Processing” | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| 1 | Operation of equipment | Ukrainian | 2 | 144 | 2,5 | 4 | Sukhenko V.Y. 527-80-41 |
| 2 | Modern methods of field research | Ukrainian | 2 | 144 | 2,5 | 4 | Slobodanyuk N.M. 527-80-41 |
| 3 | Electricity supply of enterprises | Ukrainian | 3 | 180 | 3,2 | 5 | Lazarenko V.O. 527-87-45 |
| 4 | Biologically active substances from raw livestock | Ukrainian | 3 | 144 | 2,5 | 4 | Shtonda O.A. 527-80-41 |
| Total for the disciplines of theUniversity’s choice | | | | 612 | 10,7 | 17 | |
| Disciplines chosen by students | | | | | | | |
| 1 | Feed technology for livestock | Ukrainian | 3 | 216 | 4 | 6 | Slobodanyuk N.M. 527-80-41 |
| 2 | Heat supply of enterprises | Ukrainian | 3 | 180 | 3,2 | 5 | Lazarenko V.O. 527-87-45 |
| Total for the disciplines of the students’ choice | | | | 396 | 7,2 | 11 | |
| Total with the optional component | | | | 1008 | 17,9 | 28 | |
| Total with the area of training | | | | 6714 | 124,3 | 186,5 | |
| Optional Component for 8.091708 – “Technology of Fish and Marine Products Production, Preservation and Processing” | | | | | | | |
| Disciplines chosen by the university | | | | | | | |
| 1 | Operation of technological equipment | Ukrainian | 2 | 144 | 2,5 | 4 | Sukhenko V.Y. 527-80-41 |
| 2 | Modern methods of field research | Ukrainian | 2 | 144 | 2,5 | 4 | Slobodanyuk N.M. 527-80-41 |
| 3 | Electricity supply of field enterprises | Ukrainian | 3 | 180 | 3,2 | 5 | Lazarenko V.O. 527-87-45 |
| 4 | Optimization of production processes | Ukrainian | 3 | 144 | 2,5 | 4 | |
| 5 | Biologically active substances from fish and marine products | Ukrainian | 3 | 144 | 2,5 | 4 | Vinnov O.S. 527-80-41 |
| Total for the disciplines of theUniversity’s choice | | | | 756 | 14 | 21 | |
| Disciplines chosen by students | | | | | | | |
| 1 | Manufacturing of fish meal | Ukrainian | 2 | 216 | 4 | 6 | Slobodanyuk N.M. 527-80-41 |
| 2 | Heat supply of enterprises | Ukrainian | 2 | 180 | 3,2 | 5 | Lazarenko V.O. 527-87-45 |
| Total for the disciplines of the students’ choice | | | | 396 | 7,2 | 11 | |
| Total with the area of training | | | | 3240 | 60 | 90 | |

Tentative topics for Bachelor's projects

1. Project of the sausage shop capacity of 1 ton of sausages per shift.
2. Project of the meat-fat factory building capacity of 15 tons per shift.
3. Project of the poultry processing shop capacity of 17 tons of meat per shift.
4. Project of the sausage shop capacity of 5 tons of sausages per shift.
5. Reconstruction of the sausage shop in training and research farm "Velykosnitynske" named after O.V. Muzychenko " of NULES of Ukraine.
6. Project of the sausage shop capacity of 3 tons meat products including 0.5 tons of semimanufactures per shift.
7. Project of the canning shop of "South manufactory Prolyv".
8. Project of the production shop of semimanufactures in training and research farm "Velykosnitynske" named after O.V. Muzychenko " of NULES of Ukraine.
9. Project of the sausage shop capacity of 1.7 tons meat products including 0.2 tons of semimanufactures per shift.
10. Project of the shop of hydrolyse plant protein feed products of "South manufactory Prolyv".
11. Project of the production shop of smoked fish products of "Kerch rybokombinat".
12. Project of the sausage shop capacity of 2.4 tons meat products including 0.2 tons of semimanufactures per shift.
13. Project of the preserve shop of "Kerch rybokombinat."
14. Project of the production shop of stockfish of fishing collective enterprise "Pearl of Sea".
15. Project of the sausage shop capacity of 5 tons meat products including 0.2 tons of semimanufactures per shift.
16. Reconstruction of the fat-flour shop of "South manufactory Prolyv".
17. Project of the sausage shop capacity of 2.5 tons meat products including 0.5 tons of semimanufactures per shift.
18. Reconstruction of the production shop of salted fish products in FLP Kul'omza, Sumy.
19. Project of the sausage shop capacity of 0.8 tons meat products including 0.2 tons of semimanufactures per shift.
20. Improving the production of the saury preserves in oil using tyndalizatsiya.
21. Project of the sausage shop capacity of 6 tons sausage products per shift, including 0.3 smoked sausages.
22. Extending of shelf life of chilled pond fish through the use of ice-electrochemically activated water.
23. Project of the sausage shop capacity of 7 tons sausages per shift.
24. Evaluating of the effectiveness of complex enzyme preparations used in the manufacture of protein hydrolysates of Black Sea mussels.
25. Project of the sausage shop capacity of 4 tons sausages per shift.
26. The improvement of fish preserves from herring with dozrivachi.
27. Project of the sausage shop capacity of 5 tons sausages per shift , including 0.3 smoked sausages.
28. Stabilization of ground fish from pond fish using hydro colloids.
29. Determination of the efficiency of liquid smoke for smoked fish production.
30. Project of the sausage shop capacity of 10 tons sausages per shift , including 0.2 smoked sausages.

Training EQL “Bachelor” with the shorter training period meant for Junior Specialists

Graduates who have received EQL “Junior Specialist” for the area 6.051701 “Food Technology and Engineering” with the specialization:

8.091707 – “Technology of Meat Production”, Preservation and Processing”

are admitted to training for EQL “Bachelor” with the shorter (two years) training period after passing the entrance examinations in professional disciplines and eliminating differences in academic curricula.

Curriculum for EQL “Bachelor” with the shorter (two years) training period in the area "Food Technology and Engineering" meant for Junior Specialists

| Num ber | Academic Discipline, Practice | Language of Training | Semester | Amount | | | Lecturer, Full Name, Telephone, E- mail |
|---|---|-----------------------------|----------|-----------|--------------|----------|--|
| | | | | Ho urs | credits | | |
| | | | | | Nation al | EC TS | |
| Compulsory Component | | | | | | | |
| Cycle of humanitie and social-economic training | | | | | | | |
| 1 | Ukrainian language (in professional area) | Ukrainian | 1 | 72 | 1,3 | 2 | Shishkova L.S. 527- 80- 46 |
| 2 | History of Ukraine | Ukrainian | 1 | 72 | 1,3 | 2 | Zhyvora S.M. 527-81-16 |
| 3 | History of Ukrainian Culture | Ukrainian | 1 | 72 | 1,3 | 2 | Okhrimenko S.V. 527-89-08 |
| 4 | Philosophy | Ukrainian | 2 | 72 | 1,3 | 2 | Chekal’ L.A. 527-82-39 |
| 5 | Economic theory | Ukrainian | 2 | 72 | 1,3 | 2 | Yemtsev V. I. 527-80-41 |
| 6 | Jurisprudence | Ukrainian | 3 | 72 | 1,3 | 2 | Kozachuk O.O. 257-33-10 |
| 7 | Psychology | Ukrainian | 3 | 72 | 1,3 | 2 | Omelchenko L.M.257-22-100 |
| 8 | Politics | Ukrainian | 4 | 72 | 1,3 | 2 | Chernii A.M 527-81-71 |
| 9 | Sociology | Ukrainian | 4 | 72 | 1,3 | 2 | Chernii A.M 527-81-71 |
| 10 | Foreign Language | English German French | 1 | 108 | 2,0 | 3 | Kosinoha L.V. 527-83-83 |
| Total for the cycle of humanitarian and socio-economic training | | | | 756 | 13,7 | 21 | |
| Cycle of mathematical and natural-scientific training | | | | | | | |
| 1 | Higher Mathematics | Ukrainian | 1 | 108 | 2,0 | 3 | Savchuk S.G. 527-82-29 |
| 2 | Physics | Ukrainian | 2 | 108 | 2,0 | 3 | Zapoilo I.A. 527-85-72 |
| 3 | Organic chemistry | Ukrainian | 2 | 144 | 2,6 | 4 | Buhtiyarov V.K. 527-88-55 |
| 4 | Analytical Chemistry | Ukrainian | 1 | 108 | 2,0 | 3 | Antraptseva N.M. 527-80-94 |
| 5 | Inorganic Chemistry | Ukrainian | 1 | 180 | 3,3 | 5 | Antraptseva N.M. 527-80-94 |
| 6 | Computer science | Ukrainian | 1 | 108 | 2,0 | 3 | Umanets R.M. 527-85-32 |
| 7 | Safety of Life | Ukrainian | 1 | 72 | 1,3 | 2 | Prylipko V.A. 527-87-65 |
| 8 | Principles of Ecology | Ukrainian | 1 | 72 | 1,3 | 2 | Prylipko V.A. |

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|---|---|-----------|-----|-------------|-------------|--------------|-------------------------------|
| | | | | | | | 527-87-65 |
| 9 | Physical and Colloid Chemistry | Ukrainian | 2 | 108 | 2,0 | 3 | Smyk S.Y. 527-85-57 |
| 10 | Biochemistry | Ukrainian | 3 | 108 | 2,0 | 3 | Kalinin I.V. 527-80-24 |
| 11 | Technical Microbiology | Ukrainian | 3 | 108 | 2,0 | 3 | Mel'nyk M.V. 527-88-65 |
| 12 | Computer mathematical simulation | Ukrainian | 4 | 144 | 2,6 | 4 | Matyiaschuk A.M 527-80-41 |
| Total for the cycle of mathematical and natural-scientific training | | | | 1270 | 23,5 | 35,2 | |
| Cycle of professional and practical training | | | | | | | |
| The 1st subcycle of professional and practical training | | | | | | | |
| 1 | Theoretical principles of food technology | Ukrainian | 2 | 144 | 2,6 | 4 | Lomova N.M. 527-80-41 |
| 2 | Principles of Labor Protection | Ukrainian | 2 | 72 | 1,3 | 2 | Marchishina E.I. 527-82-99 |
| 3 | Business enterprises | Ukrainian | 3 | 72 | 1,3 | 2 | Yemtsev V.I. 527-80-41 |
| 4 | Food Technology | Ukrainian | 3 | 144 | 2,6 | 4 | Lomova N.M. 527-80-41 |
| 5 | Technology of industry | Ukrainian | 3,4 | 432 | 8,0 | 12 | Shtonda O.A. 527-80-41 |
| 6 | Technological equipment of industry | Ukrainian | 3 | 108 | 2,0 | 3 | |
| 7 | Business basics | Ukrainian | 4 | 108 | 2,0 | 3 | Yemtsev V.I. 527-80-41 |
| 8 | Metrology, Standardization and Quality Management | Ukrainian | 4 | 108 | 2,0 | 3 | Slobodanyuk N.M. 527-80-41 |
| 9 | Designing of the enterprises with the basics of CAD | Ukrainian | 4 | 216 | 4,0 | 6 | Sukhenko V.Y. 527-80-41 |
| 10 | Principles of physiology and nutrition | Ukrainian | 1 | 108 | 2,0 | 3 | Slobodanyuk N.M. 527-80-41 |
| Total for the 1st subcycle of professional and practical training | | | | 1512 | 28 | 42 | |
| The 2nd subcycle of professional and practical training | | | | | | | |
| 1 | Practical training | | 2 | 108 | 2,0 | 3 | Slobodanyuk N.M. 527-80-41 |
| Total for the 2nd subcycle of professional and practical training | | | | 108 | 2,0 | 3 | |
| Total with the cycle of professional and practical training | | | | 1620 | 30 | 45 | |
| Total with the compulsory component | | | | 3646 | 67,5 | 101,2 | |
| Optional Component for 8.091707 – “Technology of Meat Production, Preservation and Processing” | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| 1 | Operation of equipment | Ukrainian | 2 | 144 | 2,5 | 4 | Sukhenko V.Y. 527-80-41 |
| 2 | Modern methods of field research | Ukrainian | 2 | 144 | 2,5 | 4 | Slobodanyuk N.M. 527-80-41 |
| 3 | Electricity supply of field enterprises | Ukrainian | 3 | 180 | 3,2 | 5 | Lazarenko V.A. 527-87-45 |
| 4 | Biologically active substances from raw livestock | Ukrainian | 3 | 144 | 2,5 | 4 | Shtonda O.A. 527-80-41 |
| Total for the disciplines of the University's choice | | | | 612 | 10,7 | 17 | |
| Disciplines chosen by students | | | | | | | |
| 1 | Feed technology for livestock | Ukrainian | 3 | 216 | 4 | 6 | Slobodanyuk N.M. 527-80-41 |
| 2 | Heat supply of enterprises | Ukrainian | 3 | 180 | 3,2 | 5 | Lazarenko V.A. |

| | | | | | | | |
|--|--|--|--|-------------|------------|-----------|-----------|
| | | | | | | | 527-87-45 |
| Total for the disciplines of the students' choice | | | | 396 | 7,2 | 11 | |
| Total with the area of training | | | | 3240 | 60 | 90 | |
| | | | | | | | |

1.13. ESI of Dataware and Telecommunication support of Agricultural and Nature Conservative Branches of Economy

Faculty of Computer Sciences and Economical Cybernetics
6.050101 – "Computer Sciences"
6.030502 – "Economical Cybernetics"

Area of training 6.050101 – “Computer Sciences”

Training is carried out in:

- Basic institution of the University (Kyiv);

The structure of curriculum of training for EQL “Bachelor” in the area “Computer Sciences”

The Curriculum is concluded on the basis of educational and vocational training programs EQL “Bachelor” for “Computer Sciences.

The compulsory component of the curriculum consists of 3 training cycles: the humanitarian and social-economic, mathematical and natural-scientific, professional and practical ones with general amount of 6282 hours, 116.3 national credits, and 174.5 ECTS credits.

The optional component of the curriculum consists of 2 training cycles: Disciplines chosen by the University and by students, professional and training, totalling 2358 hours, 43.7 national credits, and 65.5 ECTS credits.

The total time by the curriculum makes up 8640 hours, 160 national credits, and 240 ECTS credits.

The curriculum includes:

- writing 7 course projects (works) in: “Algorithmization and Programming”, “Databases and Knowledge Organization”, “Computer Graphics”, “Systems Modelling”, “Computer Networks”, “Informational Operational Systems and Technologies of AIC”, “Modern Management Theory”, “Informational Systems Projecting”, “Computer Projecting Technologies”.

- 3 practical trainings, academic and production.

Training period is 4 years.

State certification comprises a state examination, writing and defending a Bachelor’s paper.

Curriculum for EQL “Bachelor” in the area “Computer Sciences”

| N u m b e r | Academic Discipline, Practice | Language of Training | Semester | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|---|---|-----------------------------|----------|-----------|--------------|------|--|
| | | | | Hour s | Credits | | |
| | | | | | Nationa l | ECTS | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and socio-economic training | | | | | | | |
| 1 | Ukrainian (in professional area) | Ukrainian | 1 | 108 | 2 | 3 | Pereval'ska M. A. 527-89-08 |
| 2 | History of Ukraine | Ukrainian | 2 | 108 | 2 | 3 | Bilan S. O. 527-82-64 |
| 3 | History of Ukrainian culture | Ukrainian | 2 | 72 | 1.3 | 2 | Bilan S. O. 527-82-64 |
| 4 | Foreign Language | English German French | 2 | 180 | 3.3 | 5 | Yakushko K. H. 527-81-81 Kanivets' O. M. 527-81-81 |
| 5 | Philosophy | Ukrainian | 4 | 108 | 2 | 3 | Vorona M. R. 527-81-50 |
| 6 | Physical Training* | Ukrainian | 1-4 | 216 | 4 | 6 | Burko S. V. 527-85-21 |
| Total for the cycle of humanitarian and socio-economic training | | | | 576 | 10.6 | 16 | |
| Cycle of mathematical and natural-scientific training | | | | | | | |
| 1 | Ecology | Ukrainian | 6 | 54 | 1 | 1.5 | Rozputnii M. V. 527-87-65 |
| 2 | Higher Mathematics | Ukrainian | 1-3 | 540 | 10 | 15 | Skorohod T. A. Batechko N. H. 527-80-13 highpm.ea@gmail.com |
| 3 | Numerical Methods | Ukrainian | 4 | 126 | 2.3 | 3.5 | Andriishyna M. V. 527-80-13 highpm.ea@gmail.com |
| 4 | Physics | Ukrainian | 1.2 | 216 | 4 | 6 | Humeniuk Ya. O. 527-84-91 ztfiz.ea@gmail.com |
| 5 | Discrete Mathematics | Ukrainian | 2.3 | 198 | 3.6 | 5.5 | Hnuchii Yu. B. 527-80-91 highpm.ea@gmail.com |
| 6 | Probability Theory, Probable Processes & Mathematical Statistics | Ukrainian | 4 | 162 | 3 | 4.5 | Skorohod T. A. 527-80-91 highpm.ea@gmail.com |
| 7 | Algorithms Theory | Ukrainian | 1 | 126 | 2.6 | 3.5 | Zaitsev O. V. 527-80-13 infosystex@gmail.com |
| 8 | Decision-making Theory | Ukrainian | 7 | 126 | 2.6 | 3.5 | Zaitsev O. V. |

| | | | | | | | |
|--|--|-----------|-----|-------------|-------------|-----------|---|
| | | | | | | | 527-80-13 infosystex@gmail.com |
| 9 | Mathematical Operations Research Methods | Ukrainian | 5.6 | 144 | 2.6 | 4 | Zaitsev O. V. 527-80-13 infosystex@gmail.com |
| Total for the cycle of mathematical and natural-scientific training | | | | 1692 | 31.3 | 47 | |
| Cycle of the professional and practical training | | | | | | | |
| The 1st subcycle for professional and practical training | | | | | | | |
| 1 | Electrical Engineering and Electronics | Ukrainian | 2 | 108 | 3 | 2 | Reshetiuk V. M. 527-87-44 avto.ea@gmail.com |
| 2 | Computer Scheme Technics and Computers' Architecture | Ukrainian | 2.3 | 144 | 2.6 | 4 | Rudens'kyi A. A. 527-82-22 avto.ea@gmail.com |
| 3 | Computer Graphics | Ukrainian | 4 | 108 | 2 | 3 | Bolbot I. M. 527-87-33 dekanatea@gmail.com |
| 4 | Algorithmization and Programming | Ukrainian | 2.3 | 180 | 3.3 | 5 | Holub B. L. 527-80-13 infosystex@gmail.com |
| 5 | Programme Products Making Technology | Ukrainian | 5 | 144 | 2.6 | 4 | Chaplins'kyi U. P. 527-80-13 infosystex@gmail.com |
| 6 | Databases and Knowledge Organization | Ukrainian | 3 | 144 | 2.6 | 4 | Holub B. L. 527-80-13 infosystex@gmail.com |
| 7 | System Analysis | Ukrainian | 6 | 144 | 2.6 | 4 | Kuz'menko B. V. 527-82-22 avto.ea@gmail.com |
| 8 | Computer Networks | Ukrainian | 6 | 180 | 3.3 | 5 | Parhomenko I. I. 527-80-13 infosystex@gmail.com |
| 9 | Artificial Intellect Methods and Systems | Ukrainian | 7 | 144 | 2.6 | 4 | Shtepa V. M. 527-82-22 avto.ea@gmail.com |
| 10 | System Modelling | Ukrainian | 4.5 | 144 | 2.6 | 4 | Zaitsev O. V. 527-80-13 infosystex@gmail.com |
| 11 | Object-oriented Programming | Ukrainian | 3 | 180 | 3.3 | 5 | Holub B. L. 527-80-13 infosystex@gmail.com |
| 12 | Economics and | Ukrainian | 6 | 108 | 2 | 3 | Bezкровnyi M. F. |

| | | | | | | | |
|---|--|-----------|---|---------------|--------------|--------------|---|
| | Business | | | | | | 527-80-61 |
| 13 | Informational Systems Projecting | Ukrainian | 8 | 144 | 2.6 | 4 | Hlazunova O. H. 527-85-66 |
| 14 | Labour Protection Bases | Ukrainian | 8 | 54 | 1 | 1.5 | Honcharov F. I. 527-82-99 |
| 15 | Vital Activity Safety | Ukrainian | 6 | 72 | 1.3 | 2 | Prylypko V. A. 527-87-65 |
| 16 | IT-Projects Operation | Ukrainian | 4 | 144 | 2.6 | 4 | Holub B. L. 527-80-13 infosystex@gmail.com |
| 17 | Operating System | Ukrainian | 6 | 144 | 2.6 | 4 | Holub B. L. 527-80-13 infosystex@gmail.com |
| 18 | WEB-Technologies and WEB-Design | Ukrainian | 8 | 180 | 3.3 | 5 | Hlazunova O. H. 527-85-66 |
| 19 | Cross-platform Programming | Ukrainian | 7 | 126 | 2.3 | 3.5 | Holub B. L. 527-80-13 infosystex@gmail.com |
| 20 | Information Defence Technologies | Ukrainian | 8 | 144 | 2.6 | 4 | Kuz'menko B. V. 527-82-22 avto.ea@gmail.com |
| 21 | Distributing System and Parallel Calculation Technologies | Ukrainian | 5 | 198 | 3.6 | 5.5 | Koval' V. S. 527-81-67 |
| 22 | CAD Technologies | Ukrainian | 8 | 144 | 2.6 | 4 | Bolbot I. M. 527-87-33 dekanatea@gmail.com |
| Total for the 1st subcycle of professional and practical training | | | | 3078.0 | 57 | 85.5 | |
| The 2nd subcycle of professional and practical training | | | | | | | |
| 1 | Project-technological Practice | | | 270 | 5 | 7.5 | |
| 2 | Diploma Preceding Practice | | | 162 | 3 | 4.5 | |
| 3 | Diploma Projecting | | | 288 | 5.3 | 8 | |
| Total for the 2nd subcycle of professional and practical training | | | | 720 | 13.3 | 20 | |
| Total for the cycle of professional and practical training | | | | 3798.0 | 70.3 | 105.5 | |
| Total with the compulsory component | | | | 6282 | 116.3 | 174.5 | |
| Optional Component for 8.080401 – “Informational Operational Systems and Technologies” | | | | | | | |
| Disciplines chosen by the University | | | | | | | |
| 1 | Typical Technological Objects, Technologies and Processes of Agricultural Production | Ukrainian | 1 | 144 | 2.6 | 4 | Likhter M. I. Tkachuk V. M. 527-88-59 |
| 2 | Information Theory | Ukrainian | 4 | 144 | 2.6 | 4 | Hladkyi A. M. 527-82-22 avto.ea@gmail.com |

| | | | | | | | |
|---|---|-----------|-----|-------------|-------------|-------------|--|
| 3 | Technical Means of Information Transfer | Ukrainian | 5 | 162 | 3 | 4.5 | Opryshko O. O. 527-82-22 avto.ea@gmail.com |
| 4 | Intellectual Systems | Ukrainian | 7 | 144 | 2.6 | 4 | Shtepa V. M. 527-82-22 avto.ea@gmail.com |
| 5 | Informational Operational Systems and Technologies of AIC | Ukrainian | 7.8 | 198 | 3.6 | 5.5 | Holub B. L. 527-80-13 infosystex@gmail.com |
| 6 | Modern Management Theory | Ukrainian | 7.8 | 198 | 3.6 | 5.5 | Kuz'menko B. V. 527-82-22 avto.ea@gmail.com |
| 7 | Systems and Technologies of Databases Managements | Ukrainian | 4 | 162 | 3 | 4.5 | Holub B. L. 527-80-13 infosystex@gmail.com |
| 8 | Electrified Technologies in Agricultural Production | Ukrainian | 3 | 126 | 2.3 | 3.5 | Storozhuk L. O. 527-85-22 epet.ea@gmail.com |
| 9 | Methods and Means of Computer Information Technologies | Ukrainian | 3 | 144 | 2.6 | 4 | Chaplins'kyi Yu. P. 527-80-13 infosystex@gmail.com |
| 10 | Introduction to Speciality | Ukrainian | 1 | 108 | 2 | 3 | Andriishyna M. V. 527-80-13 highpm.ea@gmail.com |
| Total for the disciplines of the University's choice | | | | 1530 | 28.3 | 42.5 | |
| Disciplines chosen by students | | | | | | | |
| 1 | Psychology | Ukrainian | 6 | 72 | 1.3 | 2 | Polozenko O. V. 257-22-10 |
| 2 | Economics Theory | Ukrainian | 5 | 72 | 1.3 | 2 | Poberezhets' T. I. 527-82-35 |
| 3 | Political Science | Ukrainian | 5 | 72 | 1.3 | 2 | Hrabovs'kyi O. V. 527-82-48 |
| 4 | Science of Law | Ukrainian | 5 | 72 | 1.3 | 2 | Kozachuk O. A. 257-33-10 |
| 5 | Religious Studies | Ukrainian | 5 | 72 | 1.3 | 2 | Hudina N. M. 527-81-50 |
| Total for the disciplines of the students' choice | | | | 828 | 15.3 | 23 | |
| Total with the optional component | | | | 2358 | 43.6 | 65.5 | |
| Total with the area of training | | | | 8640 | 160 | 240 | |

* Physical Training is included into the weekly classroom load (30 hours), but it is not an academic credit discipline.

Tentative topics for Bachelor's projects

1. Conceptual model of information-controlling system for paperwork of the higher educational establishment department elaboration.
2. Conceptual model of information-controlling system for paperwork in scientific-educational institute management elaboration.
3. Conceptual model of information-controlling system for paperwork in scientific-research institute management elaboration.
4. Conceptual model and structure of information support for higher educational establishment personnel department employee's automated workstation elaboration.
5. Software for realisation of the database for higher educational establishment personnel department employee's automated workstation accompaniment module elaboration.
6. Client programme product for work with the base of providing with seeds qualification examination elaboration.
7. Database and programme module of its accompaniment for the realization of providing with seeds qualification examination elaboration.
8. Protection of the local networks from the outside penetration with the help of inter-network screens system elaboration.
9. Users' authorisation and information access delimitation on the protected WEB-server system elaboration.
10. Conceptual model and software fragments for the information-analytical support of the agrarian regions' development complex evaluation elaboration.
11. Conceptual model and software fragments for the information and crisis situations controlling system elaboration.
12. IT-strategies for re-engineering business-processes of restructuring and management systems' support elaboration.
13. Conceptual model and database of the information system on forming and making the bank clients' register elaboration.
14. The prototype elaboration of the information module for automated system of the electric power quality operation.
15. The system for protection of the E-mail information elaboration.
16. Elaboration of the database and software for the microclimate in a potato storehouse controlling system.
17. Algorithm and software elaboration for the data search automated system with the Internet-resources usage.
18. Elaboration of the knowledge base for the water treating technological process operation.
19. Elaboration of the wireless network protection system.
20. Elaboration of the information system for the wholesaling enterprise connected with the sailing of agricultural machinery spares on the basis of the object-oriented approach with the help of UML and CASE means.
21. Comparative analysis of the IC operation of the hothouse complex elaboration with the help of different CASE means.
22. Analysis of the IC elaboration methodology on the example of the store registration in storage IC elaboration.
23. Elaboration of the operation system for the information-communicational networks' terminal.
24. Elaboration of the software for the parameters of the synchronistic informational flow statistical processing.
25. Elaboration of the software for the information-operational system for the paperwork in the administrative centre of the agrarian complex.

Area of training 6.030502 - “Economic Cybernetics”

Training is carried out in:

- Basic institution of the University (Kyiv).

The structure of curriculum of training specialists of EQL “Bachelor” in the area of “Economic cybernetic”

The Curriculum is concluded on the basis of educational and vocational training programs EQL “Bachelor” for “Economic cybernetics”.

The compulsory component of the curriculum consists of 3 training cycles: the humanitarian, natural-scientific and general economic, professional training, totaling 6408 hours, 118,7 national credits and 178 ECTS credits.

The optional component of the curriculum consists of 2 training cycles: Disciplines chosen by the University and by students totaling 2232 hours, 41,3 national credits and 62 credits of ECTS.

The total time by the curriculum makes up 8640 hours, 160 national credits, 240 credits of ECTS.

The curriculum includes:

- writing 8 course projects (works) in: “Political Economy”, “Microeconomics”, “Statistics”, “Mathematical Programming”, “Economics of Agriculture”, “Simulation of Production Processes in Agriculture”, “World Agricultural Economy” “Simulation”.
- 8 practical trainings: academic and production.

Training period is 4 years.

State certification comprises a state examination, writing and defending a Bachelor’s paper.

Curriculum for EQL “Bachelor” in the area “Economic Cybernetics”

| Nu m be r | Academic discipline, practice | Languag e of Training | Semes ter | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|--|---|-----------------------------|--------------|-----------|--------------|------|---|
| | | | | Hour s | Credits | | |
| | | | | | Nation al | ECTS | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and socio-economic training | | | | | | | |
| 1 | History of Ukraine | Ukrainian | 1 | 144 | 2,7 | 4 | Hvist V.O., 044-527-81-16 |
| 2 | History of Ukrainian culture | Ukrainian | 1 | 144 | 2,7 | 4 | Pantaliyenko V.V. 044-527-89-09 |
| 3 | Foreign language | English German French | 1-8 | 684 | 12,7 | 19 | Lypska V.V. Manelyuk A.V. 044-527-81-44 Kononchuk I.V. Kropyvko R.L. 044-527-85-95 |
| 4 | Ukrainian (for professional area) | Ukrainian | 1 | 144 | 2,7 | 4 | Shishkovaya Y.S. 044-527-85-66 |
| 5 | Philosophy | Ukrainian | 2-3 | 216 | 4,0 | 6 | Bosenko E.V. 044-527-81-50 |
| 6 | Physical training | Ukrainian | 1-4 | 216 | 4,0 | 6 | Semerun V.Z 044-527-85-21 |
| Total for the cycle of humanitarian and social-economic training | | | | 1188 | 22 | 37 | |
| Cycle of mathematical and natural-scientific training | | | | | | | |
| 1 | History of economics and the economic thought | Ukrainian | 1 | 180 | 3,3 | 5 | Bolharova N.K. 044-527-82-35 |
| 2 | History of economics and the economic thought | Ukrainian | 1-3 | 360 | 6,7 | 10 | Sulima I.M. 044-527-82-29 |
| 3 | Political Economy | Ukrainian | 1-2 | 180 | 3,3 | 5 | Hoychuk O.I. 044-527-86-54 |
| 4 | Macroeconomics | Ukrainian | 3 | 180 | 3,3 | 5 | Hushcha I.A. 044-527-82-35 |
| 5 | Money and Credit | Ukrainian | 4 | 180 | 3,3 | 5 | Zozulia S.V. 044-527-68-90 |
| 6 | Microeconomics | Ukrainian | 4 | 180 | 3,3 | 5 | Rudyi M.M. 044-527-82-35 |
| 7 | Economic cybernetic | Ukrainian | 4-5 | 360 | 6,7 | 10 | Poprozman N.V. 044-527-85-67 |
| 8 | Accounting | Ukrainian | 4-5 | 180 | 3,3 | 5 | Verbilo A.F. Gurenko T.A. 044-527-85-50 |
| 9 | Statistics | Ukrainian | 4-5 | 180 | 3,3 | 5 | Chuhlib A.V. 044-527-86-32 |
| 10 | Regional Economy | Ukrainian | 5 | 180 | 3,3 | 5 | Dyshliuk NI 044-527-86-19 |
| 11 | Management | Ukrainian | 5 | 180 | 3,3 | 5 | Hohulia OP 044-527-85-66 |
| 12 | Economy of Enterprise | Ukrainian | 5-6 | 180 | 3,3 | 5 | Sulima NM 044-527-85-75 |
| 13 | Econometric methods of planning | Ukrainian | 5-6 | 180 | 3,3 | 5 | Zhadlun Z.O. 044-527-85-67 |
| 14 | Labor | Ukrainian | 6 | 180 | 3,3 | 5 | Lanchenko EA |

| | | | | | | | |
|--|---|-----------|-----|-------------|--------------|------------|---------------------------------|
| | economics and labor relations | | | | | | 044-527-82-69- |
| 15 | Marketing | Ukrainian | 6 | 180 | 3,3 | 5 | Shevchyk MG 044-527-80-04 |
| 16 | National Economics | Ukrainian | 7 | 180 | 3,3 | 5 | Dibrova A.D. 044-527-86-48 |
| 17 | Finance | Ukrainian | 7 | 180 | 3,3 | 5 | Korytna O.D. 044-527-85-50 |
| 18 | International Economics | Ukrainian | 8 | 180 | 3,3 | 5 | Dibrova L.V. 044-527-86-51 |
| Total for the cycle of mathematical and natural-humanitarian training | | | | 3600 | 66,7 | 100 | |
| Cycle for professional and practical training | | | | | | | |
| 1 | Geodesy | Ukrainian | 6 | 180 | 3,3 | 5 | Tkachenko O.M. 044-527-82-99 |
| 2 | Photogrammetry and remote probing | Ukrainian | 6-7 | 288 | 5,3 | 8 | Mokriyev M.V. 044-527-85-66 |
| 3 | Satellite geodesy | Ukrainian | 6-7 | 216 | 4,0 | 6 | Klimenko N.A. 044-527-87-65 |
| 4 | Higher geodesy | Ukrainian | 7-8 | 252 | 4,7 | 7 | Shvydenko M.Z. 044-527-86-07 |
| 5 | GIS and data bases | Ukrainian | 7-8 | 180 | 3,3 | 5 | Skrypnyk A.V. 044-527-85-67 |
| 6 | Mathematical processing of geodesical measurement | Ukrainian | 8 | 180 | 3,3 | 5 | Lavrov E.A. 044-527-85-66 |
| Total for the cycle of professional and practical training | | | | 1296 | 24 | 36 | |
| Total with the compulsory component | | | | 6228 | 115,3 | 173 | |
| Optional Component for 8.050102 – “Economic Cybernetics” | | | | | | | |
| Disciplines chosen by the university | | | | | | | |
| 1 | Crop production technology | Ukrainian | 1-2 | 108 | 2,0 | 3 | Garbar L.A. 044-527-86-26 |
| 2 | Economic Informatics | Ukrainian | 1-3 | 108 | 2,0 | 3 | Mokriyev M.V. 044-527-85-66 |
| 3 | Technology for livestock production | Ukrainian | 2 | 108 | 2,0 | 3 | Umanets V.D. 044-527-82-68 |
| 4 | Computer Programming | Ukrainian | 3 | 72 | 1,3 | 2 | Tkachenko O.M. 044-527-82-99 |
| 5 | Standardization and Quality Control | Ukrainian | 3 | 36 | 0,7 | 1 | Humeniuk G.D. 044-527-82-78. |
| 6 | Processing and Storage Technology agricultural products | Ukrainian | 3 | 36 | 0,7 | 1 | Gun'ko S.M. 044-527-86-76 |
| 7 | Linear algebra | Ukrainian | 3 | 36 | 0,7 | 1 | Poprozman N.V. 044-527-85-67 |
| 8 | WEB-Programming | Ukrainian | 4 | 108 | 2,0 | 3 | Mokriyev M.V. 044-527-85-66 |
| 9 | Risk managment | Ukrainian | 5 | 72 | 1,3 | 2 | Skrypnyk A.V. 044-527-87-29 |
| 10 | Database management systems | Ukrainian | 5 | 72 | 1,3 | 2 | Mokriyev M.V. 044-527-85-66 |
| 11 | Economic-mathematical | Ukrainian | 6 | 72 | 1,3 | 2 | Zhadlun Z.O. 044-527-85-67 |

| | | | | | | | |
|---|--|-----------|-----|-------------|-------------|------------|------------------------------------|
| | modeling in the economy | | | | | | |
| 12 | Economic Analysis | Ukrainian | 7 | 72 | 1,3 | 2 | Muzichenko A.I. 044-527-86-32 |
| 13 | Predicting the social-economic processes | Ukrainian | 7 | 108 | 2,0 | 3 | Klimenko N.A. 044-527-87-65 |
| 14 | Banking | Ukrainian | 8 | 36 | 0,7 | 1 | Kruchok N.S. 044-527-88-90 |
| 15 | Economic Cybernetics | Ukrainian | 8 | 108 | 2,0 | 3 | Zhadlun Z.O. 044-527-85-67 |
| 16 | Logistics | Ukrainian | 8 | 72 | 1,3 | 2 | Kolesnik I.V. 044-527-85-66 |
| 17 | Mathematical models of synergetic economy | Ukrainian | 8 | 72 | 1,3 | 2 | Poprozman N.V. 044-527-85-67 |
| Total for the disciplines of the University's choice | | | | 1332 | 24,6 | 37 | |
| Disciplines chosen by students | | | | | | | |
| 1 | Social Communications | Ukrainian | 1-4 | 72 | 1,3 | 2 | Kuzmenko S.V. 044-527-88-81 |
| 2 | Organization of production | Ukrainian | 7 | 72 | 1,3 | 2 | Baranovskaya O.D. 044-527-82-28 |
| 3 | Educational practice on the basis of stock exchange activity | Ukrainian | 8 | 72 | 1,3 | 2 | Kudinova I.P. 044-527-80-61 |
| 4 | Principles of market exchange | Ukrainian | 8 | 72 | 1,3 | 2 | Ostapenko, M.E. 044-527-81-31 |
| 5 | University education | Ukrainian | 1 | 36 | 0,7 | 1 | Halayeva L.V. 044-527-85-67 |
| 6 | Life safety | Ukrainian | 2 | 144 | 2,7 | 4 | Piskunova L.E. 044-527-87-65 |
| 7 | Sociology | Ukrainian | 3 | 108 | 2,0 | 3 | Kostyuk O.V. 044-527-82-35 |
| 8 | Politics | Ukrainian | 4 | 108 | 2,0 | 3 | Kostyuk O.V. 044-527-82-35 |
| 9 | Law | Ukrainian | 4 | 108 | 2,0 | 3 | Marchenko S.I. 044-527-85-71 |
| 10 | Psychology and Pedagogy | Ukrainian | 8 | 108 | 2,0 | 3 | Polozenko O.V. 044-257-22-10 |
| Total for the disciplines of the students' choice | | | | 900 | 15,6 | 25 | |
| Total with the optional component | | | | 2332 | 41,3 | 62 | |
| Total with the area of training | | | | 8640 | 160 | 240 | |

* Physical Training is included into the weekly classroom load (30 hours), but it is not an academic credit discipline.

Tentative topics for Bachelor's projects

1. Modeling the potential use of soil fertility in agricultural production.
2. Optimization of feed crops in agribusiness.
3. Modeling banking in crisis management.
4. Modeling of processes of financial management.

5. Modeling placing crops crops in areas with different fertility.
6. Modeling and risk assessment of economic activity in modern terms.
7. Optimizing land use in agricultural production.
8. Planning of agricultural production systems based on models.
9. Analysis of trends in global food markets.
10. Simulation of enterprise development in risk.
11. Organization of information support on the basis of open source software.
12. Organization of marketing information software.
13. Development of automated storage statistics agriculture and rural areas.
14. Creating integrated information support agricultural – the Commercial enterprise.
15. Methods of optimizing multi-enterprise processes in production agriculture.
16. Modeling pricing on the television advertising market in conditions of uncertainty.
17. Economic risk of agricultural production.
18. Multiple optimization methods in production processes in agricultural sector.
19. Modeling risk in the agricultural sector of WTO accession.
20. Simulation of enterprise development in risk.

1.14. SEPARATE DEPARTMENT OF RULES OF UKRAINE “IRPIN ECONOMIC COLLEGE”

The director of the college is a PhD in Economic Sciences, Associate Professor **Serhiy Ivanovych Mikhaylov**

Tel.: (04597) 62-0-04 E-mail: iek@irpin.com

Location: Kyiv region, town of Irpin', Gagarin street, 9

Separate Department Of Rules Of Ukraine “Irpın Economic College” includes:

The Faculty of Merchandizing and Commercial Activity

The Dean is **Semenenko Tetyana Anatoliyvna**

Tel.: (04597) 54-2-20 E-mail: iek@irpin.com

Location: educational building №2

The Faculty conducts training for EQL “Bachelor” in the areas:

6.030510 – “Merchandizing and Trade Enterprise”

Qualification of graduates: Bachelor of Trade

Graduates’ academic rights – can continue their study for the Master’s degree. Areas of specialization are «Specific categories» in base establishment of the University in Kyiv:

8.000001 – “Quality, Standardization and Certification”

8.000005 – “Pedagogics of Higher School”

8.000007 – “Administrative Management”

Bases of students’ practical studies:

DP “Prodmerezha” of a shop “Furshet” in Irpin', Supermarket “Boom” in Irpin', Supermarket “For a” in Irpin', Supermarket “Eko” in Bucha.

Area of training 6.030510 “Merchandizing and Trade Enterprise”

Training is carried out in:

– SD of NULES of Ukraine “Irpın Economic College”

The structure of curriculum of training for EQL “Bachelor” in the area “Merchandizing and Trade Enterprise”

The Curriculum is concluded on the basis of educational and vocational training programs EQL “Bachelor” for “Merchandizing and Trade Enterprise”.

The compulsory component of the curriculum consists of 3 training cycles: the humanitarian and socio-economic, mathematical and natural-scientific, professional and practical, totaling 4536 hours, 84 national credits, and 126 ECTS credits.

The optional component of the curriculum consists of 2 training cycles: Disciplines chosen by the University and by students totaling 1674 hours, 31 national credits, 46,5 ECTS credits.

The total time by the curriculum makes up 7560 hours, 140 national credits, 210 ECTS credits.

The curriculum includes:

- writing 2 course projects (works) in: “Commercial Activity”, “Merchandizing of Food Products”
- 3 practical training: eacademic, technological, manufacturing.

Training period is 4 years.

State certification comprises a state examination.

Curriculum for EQL “Bachelor” in the area “Merchandizing and Trade Enterprise”

| Num ber | Academic Discipline, Practice | Language of Training | Semester | Amount | | | Lecturer, Full Name, Telephone, E-mail |
|---|---|-------------------------|----------|--------|--------------|------|--|
| | | | | Hours | Credits | | |
| | | | | | Nation al | ESTS | |
| Compulsory Component | | | | | | | |
| Cycle of humanitarian and socio-economic training training | | | | | | | |
| 1 | History of the Ukrainian culture | Ukrainian | 2 | 72 | 1,3 | 2 | Prikhod'ko M.I. tel. 045 97 62003 |
| 2 | History of Ukraine | Ukrainian | 1 | 108 | 2 | 3 | Lakishik D.M. |
| 3 | Philosophy | Ukrainian | 3 | 108 | 2 | 3 | Geyko S.M. Tel. 044 5278150 |
| 4 | Ukrainian | Ukrainian | 3,4,5 | 108 | 2 | 3 | Fedorovska O.O. tel. 045 97 62003 |
| 5 | Foreign language | English | 1,2,3 | 180 | 3,3 | 5 | Razina N.K., Red'kina L.P. Tel. 045 97 62003 |
| Total for the cycle of humanitarian and socio-economic training | | | | 576 | 10,6 | 16 | |
| Cycle of mathematical and natural-scientific training training | | | | | | | |
| 1 | Higher and applied mathematics | Ukrainian | 1,2 | 324 | 6 | 9 | Kovtun S.S. tel. 044 5278091 |
| 2 | Physics | Ukrainian | 1,2 | 324 | 6 | 9 | Humenyuk Ya.O. tel. 044 5278491 |
| 3 | Chemistry | Ukrainian | 1,2 | 360 | 6,7 | 10 | Vovkotrub M.P. tel. 0445278897 |
| 4 | Informatics and computer technology | Ukrainian | 2 | 162 | 3 | 4,5 | Fridrikhson N.V. tel. 045 97 62003 |
| 5 | Microbiology | Ukrainian | 3 | 162 | 3 | 4,5 | Novyts'ka O.V. tel. 044 5278866 |
| 6 | Bases of technology of producing goods | Ukrainian | 3,4 | 180 | 3,3 | 5 | Vaschenko V.V. tel. 045 97 62003 |
| 7 | Statistics | Ukrainian | 4 | 108 | 2 | 3 | Savchuk V.K. tel. 044 5278872 |
| Total for the cycle of mathematical and natural-scientific training | | | | 1620 | 30,0 | 45,0 | |
| Cycle of professional and practical training | | | | | | | |
| The 1 st subcycle of professional and practical training | | | | | | | |
| 1 | Theoretical principles of commodity | Ukrainian | 3 | 270 | 5 | 7,5 | Vdovich V.G. tel. 045 97 62003 |
| 2 | Sensory analysis | Ukrainian | 4 | 108 | 2 | 3 | Sliva Yu.V. tel. 044 5278278 |
| 3 | Instrumental methods of research | Ukrainian | 4 | 108 | 2 | 3 | Potseluyko M.P. tel. 045 97 62003 |
| 4 | Theoretical principles of food stuffs | Ukrainian | 5,6,7,8 | 648 | 12 | 18 | Vdovich V.G. tel. 045 97 62003 |
| 5 | Theoretical principles of unfood | Ukrainian | 5,6,7,8 | 648 | 12 | 18 | Piddubna T.Ya. |

[illegible]

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|--|--|-----------|---|-------------|-------------|-----------|--------------------------------------|
| 1 | Biochemistry and physiology of feeding | Ukrainian | 3 | 108 | 2 | 3 | Arnauta O.V. tel. 044 5278196 |
| 2 | Instrumental methods of research | Ukrainian | 1 | 126 | 2,3 | 3,5 | Mykhailov S.I. tel. 045 97 62003 |
| 3 | World market of commodities and services | Ukrainian | 2 | 176 | 2,3 | 3,5 | Kapustin A.D. tel. 045 97 62003 |
| 4 | Protection of consumers' rights | Ukrainian | 4 | 144 | 2,7 | 4 | Balaniuk L.M. tel. 045 97 62003 |
| 5 | Commercial activity | Ukrainian | 6 | 108 | 2 | 3 | Ischenko I.M. tel. 045 97 62003 |
| 6 | Equipment of trade enterprises | Ukrainian | 2 | 108 | 2 | 3 | Berezinec' S.K. tel. 045 97 62003 |
| 7 | Aesthetics goods and design | Ukrainian | 3 | 108 | 2 | 3 | Piddubna T.Ya. tel. 044 5200131 |
| 8 | Insurance | Ukrainian | 5 | 108 | 2 | 3 | Fursa A.V. tel. 044 2678759 |
| 9 | Goods market | Ukrainian | 6 | 72 | 1,3 | 2 | Berezinec' S.K. tel. 045 97 62003 |
| 10 | Psychology of trade | Ukrainian | 6 | 72 | 1,3 | 2 | Serdiuk N.M. tel. 045 97 62003 |
| 11 | Safety of goods and environmental | Ukrainian | 7 | 72 | 1,3 | 2 | Mal'ko E.V. tel. 045 97 62003 |
| 12 | Ethics of business | Ukrainian | 2 | 72 | 1,3 | 2 | Serdiuk N.M. tel. 045 97 62003 |
| 13 | Merchandizing of consisting of goods | Ukrainian | 7 | 108 | 2 | 3 | Vinnyk I.V. tel. 045 97 62003 |
| 14 | Valuation of goods | Ukrainian | 8 | 108 | 2 | 3 | Mal'ko E.V. tel. 045 97 62003 |
| Total for the disciplines of the College's choice | | | | 1440 | 26,6 | 40 | |
| Disciplines chosen by students | | | | | | | |
| 1 | Low (labor rights) | Ukrainian | 2 | 144 | 2,7 | 4 | Beregelya I.M. tel. 045 97 62003 |
| 2 | Law (commercial law) | Ukrainian | 5 | 144 | 2,7 | 4 | Balaniuk L.M. tel. 045 97 62003 |
| 3 | Economical theory | Ukrainian | 3 | 144 | 2,7 | 4 | Poberezhec' T.I. tel. 044 5278532 |
| 4 | Politology | Ukrainian | 7 | 72 | 1,3 | 2 | Prikhod'ko M.I. tel. 045 97 62003 |
| 5 | Sociology | Ukrainian | 5 | 72 | 1,3 | 2 | Boyko I.I. tel. 044 5278150 |
| 6 | Psychology | Ukrainian | 5 | 72 | 1,3 | 2 | Serdyuk N.V. tel. 045 97 62003 |

| | | | | | | | |
|--|---------|-----------|---|-------------|-------------|------------|------------------------------------|
| 7 | Pricing | Ukrainian | 5 | 72 | 1,3 | 2 | Vlasenko V.M. tel. 045 97 62003 |
| Total for the disciplines of the students' choice | | | | 720 | 13,4 | 20 | |
| Total with the optional component | | | | 2160 | 40 | 60 | |
| Total with the area of training | | | | 8640 | 160 | 240 | |