List of available

courses

taught in English

2025

**NATIONAL UNIVERSITY OF LIFE
AND ENVIRONMENTAL SCIENCES
OF UKRAINE**

Heroiv Oborony Str.15
building 3, of. 207
Kyiv, Ukraine
03041

Speciality 'Economics'

Academic disciplines	Code	ECTS	Semester
History of economics and economic thought	12.04	1	1
Statistics	11.04	3	2
International economics	12.01	2	3
Business economics	11.03	2	3
Labour economics and social and labour relations	11.03	2	3
National economy	11.04	1.5	3
Finance	11.07	2	4
Accounting	11.05	2	4
International agricultural business	11.04	2	4
Econometrics	11.06	2	5
International banking business	11.11	2	5
International exchange technologies	11.02	1.5	5
Economic and mathematical methods and models	11.06	2	6
Marketing	12.03	2	6
International finance	11.07	2	6
Economic analysis	11.06	2	6
Business planning	12.01	2	6
International marketing	12.03	1.3	8
International stock exchange activities	11.02	1.3	8

Faculty of Economics

Speciality 'Entrepreneurship, Trade and Exchange Activities'

Academic disciplines	Code	ECTS	Semester
Information systems and technologies in the economy	15.01	5	1
Technology of livestock and crop production	05.01	2	1
Statistics	11.06	4	2
Economics (Micro + Macro)	12.04	5	3
Finance	11.07	4	3
Exchange trading	11.02	3.5	4
Econometrics	11.06	4	5
Exchange activity	11.02	7	5
Economic and mathematical methods and models	11.06	4	6
Entrepreneurial risks	11.02	6	6

Speciality 'Accounting and Taxation'

Academic disciplines	Code	ECTS	Semester
Economics	12.04	3	1
Statistics	11.06	7	2
Finance	11.07	4	3
Economics	12.04	4	2
Econometrics	11.06	4	4
Business Economics	11.03	4	4
Business Process Modelling	11.06	4	5
Labour Economics and Social and Labour Relations	11.03	5	5
Accounting in Applied Software Solutions	11.05	5	5
Business Analysis	11.06	2.5	6

Speciality 'Finance, Banking and Insurance'

Academic disciplines	Code	ECTS	Semester
Economics	12.04	2	3
Statistics	11.06	2	3
Money and Credit	11.11	2	3
Finance	11.07	3	3
International Economics	12.01	2	3
Econometrics	11.06	2	4
Banking System	11.11	2	4
Insurance	11.11	2	5
Accounting	11.05	2	5
Economic and Mathematical Methods and Models	15.01	1.5	6
Marketing	12.03	1.5	6
Management	12.02	1.5	6
Accounting	11.05	2	6

Speciality 'Marketing'

Academic disciplines	Code	ECTS	Semester
Accounting in applied software solutions	11.05	4	4
Higher mathematics	02.07	4	1
Introduction to the speciality	12.03	4	1
Economics: macroeconomics	12.04	6	2
Economics: microeconomics	12.04	3	2
Starting your own business	12.01	4	6
Commodity market infrastructure	12.03	4	3
Logistics	12.02	6	7
Marketing	12.03	6	3
Marketing by type of activity: marketing of services	12.03	3	5
Marketing by type of activity: industrial marketing	12.03	2	6
Marketing by type of activity: agricultural marketing	12.03	4	4
Marketing distribution policy	12.03	4	5
Marketing commodity policy with the basics of commodity science	12.03	3	5
Marketing research	12.03	4	6
Marketing pricing policy	12.03	6	6

Faculty of Agrarian Management

Speciality 'Marketing'

Academic disciplines	Code	ECTS	Semester
Marketing communications	12.03	3	8
Management	12.02	5	3
Fundamentals of digital marketing	12.03	4	4
Legal support of management activities	14.04	4	3
Applied modelling: econometrics	11.06	3	4
Applied modelling: economics and mathematics	15.01	3	4
Psychology	10.01	4	2
Risk management	12.01	4	7
Systems of technology: crop production	05.01	2	1
Systems of technology: animal production	01.03	1	1
Probability theory and statistics: statistics	11.06	3	2
Presentation techniques and speechwriting with web design basics	12.03	2	2
Presentation techniques and speechwriting with web design basics: web design basics	15.02	2.5	3
Human resource management	12.02	4	8

Speciality 'Management'

Academic disciplines	Code	ECTS	Semester
Business analysis in international business (EXCEL)	12.01	4	2
Higher mathematics	02.07	5	1
Introduction to the speciality	12.01	3	1
Introduction to the speciality: international social communications	12.01	4	3
Introduction to the speciality: social communications	12.01	3	1
Business protocol and negotiation	12.01	5	4
Business economics	11.03	4	5
Economics: macroeconomics	12.04	1	2
Economics: microeconomics	12.04	5	2
Economic informatics	15.01	4	1
Starting a business	12.01	5	4
Foreign economic activity of the enterprise	12.01	5	5
Controlling	12.05	4	6
Leadership, communication and team interaction management (team interaction management)	12.05	2	8

Speciality 'Management'

Academic disciplines	Code	ECTS	Semester
Logistics	12.02	4	8
Marketing	12.03	5	3
Management	12.02	3	3
International investment activity	12.01	4	4
International exchange markets and international law (International Law)	14.05	2	4
International exchange markets and international law (International Exchange Markets)	12.01	4	3
International economic relations	12.01	5	3
Operational management	12.05	4	6
Legal support of management activities	14.04	4	6
Applied modelling: econometrics	11.06	2.5	4
Applied modelling: economic and mathematical modelling	15.01	2.5	4
Project management	12.05	5	7
Risk management	12.01	5	7
Technology systems: crop production	01.01	1	1
Technology systems: animal production	01.03	1	1
Strategic management	12.02	5	8

Speciality 'Management'

Academic disciplines	Code	ECTS	Semester
Probability theory and statistics: probability theory and mathematical statistics	15.01	2	2
Organisational theory	12.02	4	2
Management of innovation and investment activities	12.05	4	5
Human resource management	12.02	4	6
Quality management	12.02	4	5
Business philosophy (module 1)	10.05	3	2
Philosophy of international business (module 2. Logic)	10.05	2	4
Philosophy of international business (module 1)	10.05	3	2
Finance, money and credit	11.11	4	3

Speciality 'Law'

Academic disciplines	Code	ECTS	Semester
International Human Rights Standards	14.05	5.9	2
History of State and Law of Ukraine	14.01	4.2	2
Legal Deontology	14.02	2.3	2
Constitutional Law of Ukraine	14.05	5.3	3
Civil Law	14.04	2.9	3
Notary	14.04	2.6	5
International Law	14.05	2.8	6
Inheritance Law	14.04	2.8	6

Speciality 'Ecology'

Academic disciplines	Code	ECTS	Semester
Mathematics and Physics	02.05	4.1	1
Chemistry (inorganic and analytical)	05.11	5.9	1
Biology (botany)	03.10	2.7	2
Introduction to the specialty	06.04	3.2	2
Environmental risks	06.04	3.2	2
Chemistry (organic, physical, colloidal)	05.12	3.8	2
General ecology	06.04	3.8	3
Environmental bioindication	06.05	3.3	3
Environmental safety	06.04	3.8	3
Soil protection with basics of soil science	05.09	5.1	3
Philosophy	10.05	3.3	4
Technoecology	06.04	4.2	4
Biochemistry	06.10	5.5	4
Regulation of anthropogenic impact on the environment	06.04	3.8	4
Environmental toxicology	06.04	4.4	4
Landscape ecology	06.04	3.3	4
Nature conservation	06.04	3.3	4

Speciality 'Ecology'

Academic disciplines	Code	ECTS	Semester
Environmental legislation and environmental law	14.02	4.6	5
Ecology of biological systems (plant ecology, Radio biology and radioecology	06.04	2.6	5
Methods of measuring environmental parameters	06.04	5.9	5
Biodiversity and its conservation	06.04	4	5
Environmental monitoring	06.05	3.7	5
Environmental audit and inspection	06.04	3.1	6
Social ecology	06.05	4.6	6
Cartographic methods in ecology	06.04	4.3	6
Biosafety	06.05	2.5	6
Agroecology	06.04	3	6
Geochemistry	05.11	4.9	7
Urban ecology	06.04	5.4	7
Fundamentals of GIS technologies	06.04	1.8	8

Speciality 'Biotechnology and Bioengineering'

Academic disciplines	Code	ECTS	Semester
Mathematics and physics	02.05	3.5	1
Chemistry (inorganic and analytical)	05.11	4.9	2
Microbial biotechnology and virology	06.07	4.6	2
Fundamentals of biodiversity	06.07	1.8	3
Microbial biotechnology and virology	06.07	3.8	3
Biotechnology production facilities	06.10	3.5	3
Biochemistry	06.10	4.7	4
Industrial biotechnology	06.07	6	6
Radiobiology and radioecology	06.05	1.2	5
Introduction to the speciality	06.10	2.2	7

Speciality 'Plant Protection and Quarantine'

Academic disciplines	Code	ECTS	Semester
Chemistry: Inorganic and Analytical Chemistry	05.11	4.5	1
Botany	03.10	3.1	1
Agrozoology	06.02	5.3	1
Mathematics and Biophysics: Biophysics	02.05	2.4	2
Chemistry: organic chemistry	05.12	2.2	2
Physical and colloidal chemistry	05.12	2.5	3
General mycology	06.01	5.4	3
Soil science with basics of geology	05.09	2.5	3
General mycology	06.01	6	4
Plant physiology with basics of biochemistry	06.10	1.9	4
Basics of biotechnology in plant protection	06.07	4.6	4
General phytopathology	06.01	3.6	5
General entomology	06.02	3.6	5
Agrochemistry	05.10	3.1	5
Crop production with the basics of fodder production and agrometeorology (fodder production)	05.01	2.8	5
Agricultural phytopathology	06.01	2	6
Agricultural entomology	06.02	2	6
Biological plant protection	06.02	6	8

Speciality 'Agronomy'

Academic disciplines	Code	ECTS	Semester
Inorganic and analytical chemistry	05.11	5	1
Botany	03.10	5	2
Agricultural machinery and machine use in crop production	01.01	4	2
Soil science with the basics of geology	05.09	3	2
Genetics	05.03	4	3
Agriculture	05.02	4	3
Agrochemistry	05.10	3	4
Indoor greenhouse technologies	05.06	2	4
Herbology	05.02	4	4
Crop production	05.01	3	4
Agrochemistry	05.10	4	5
Standardisation and quality management of crop production	05.05	4	5
Crop production	05.01	4	6
Techniques of storage and processing of crop products	05.05	5	7

Speciality 'Veterinary Medicine" (full-time study)'

Academic disciplines	Code	ECTS	Semester
History of Ukrainian statehood	10.06	4	1
Inorganic chemistry	05.11	4	1
Physics with basics of biophysics	02.05	4	1
Genetics	07.05	4	2
Organic chemistry	05.12	4	2
Cytology, histology, embryology	08.01	3.5	2
Biochemistry with basics of physical and col. chemistry	08.14	4	3
Veterinary microbiology	08.09	6	3
Basics of animal breeding	07.05	5	3
Biochemistry with basics of physical and col. Chemistry	08.14	3.5	4
Veterinary Virology	08.09	4	4
Animal Hygiene	08.06	2.5	4
Operative Surgery, Topographic Anatomy and Anaesthesiology	08.08	4	5
Clinical Diagnosis of Animal Diseases	08.05	4	5

Speciality 'Veterinary Medicine" (full-time study)'

Academic disciplines	Code	ECTS	Semester
Veterinary pharmacology	08.04	4	5
Animal welfare, ethology and professional ethics	08.06	4	6
Veterinary radiobiology	06.05	2.5	6
Parasitology and invasive diseases	08.09	2.5	6
Veterinary clinical biochemistry	08.14	2.5	7
General and special surgery	08.08	2.5	7
Veterinary toxicology	08.04	4	8
Internal animal diseases	08.05	2.1	8
Epizootology and infectious diseases	08.09	2.6	8
Food hygiene	08.06	2.5	9
Special propaedeutics, therapy and prevention of internal diseases of animals	08.05	4	11
Surgical diseases of productive animals	08.08	4	11
Special epizootology	08.09	4	11
Global parasitology	08.09	4	11
State veterinary and sanitary expertise	08.06	4	11

Speciality 'Geodesy and Land Management'

Academic disciplines	Code	ECTS	Semester
Geoinformatics, Informatics and Programming	13.01	2	1
Geology and Geomorphology	05.09	4	1
Soil Science with the Basics of Agrochemistry	05.09	3	2
General Ecology	06.05	3	2
Mathematical Statistics for Geodata	13.01	3	3
Fundamentals of Agriculture and Crop Production	05.02	3	4
GIS and Databases	13.01	7	5
Digital Plans and Maps	13.01	3	6
Remote monitoring of land resources	13.01	2.5	7
Automated land cadastre system	13.01	3	8
Agroforestry	03.05	3	8

Speciality 'Industrial Engineering'

Academic disciplines	Code	ECTS	Semester
Chemistry	05.12	4	1
Engineering and computer graphics	01.04	1.5	1
Structural materials technology	01.07	2	2
Engineering and computer graphics	01.04	3.5	3
Structural materials technology	01.07	1.5	3
Materials science	01.07	3	3
Mechanics of materials and structures	01.05	3.5	3
Mechanical engineering technology	01.07	1.5	4
Machine and CMM parts	01.09	3.5	5
Design and construction of robots and manipulators	01.09	5	7
Mechatronic systems of robots and UAVs	01.09	4	8
Operational systems and programs of robots and UAVs	01.09	5	8
Design and construction of robots and manipulators	01.09	4	8

Speciality 'Civil and Environmental Engineering'

Academic disciplines	Code	ECTS	Semester
Chemistry	05.12	4	1
Computers and computer technologies	01.04	2	1
Construction materials and welding	01.07	2	2
Virtual reality technologies	01.04	1.5	2
Mechanics of materials and structures	01.05	2	3
Construction materials and welding	01.07	2	2
Mechanics of materials and structures	01.05	2	4
Construction engineering	01.09	2	4
(BM) Theoretical and construction mechanics	01.05	2	4
Reliability of construction engineering	01.12	1	5
Basics of computer-aided design in construction	01.06	1	6
Reinforced concrete and stone structures	01.06	2	7

Speciality 'Social work'

Academic disciplines	Code	ECTS	Semester
History of Ukrainian statehood	10.06	4	1
Fundamentals of medical psychology	10.04	4	2

Speciality 'International Relations, Public Communications and Regional Studies'

Academic disciplines	Code	ECTS	Semester
History of Ukrainian Statehood	10.06	4	1

Master's degree 'Social work'

Academic disciplines	Code	ECTS	Semester
Methodology and Organization of Scientific Research in Social Work	10.04	4	1
Foreign Language Social Communication	10.04	4	1
Fundamentals of Physical and Medical Rehabilitation	10.04	3	2

Master's degree 'International Relations, Public Communications and Regional Studies'

Academic disciplines	Code	ECTS	Semester
International cooperation in the agricultural sector	10.06	4	1
Agricultural diplomacy	10.06	4	3

Speciality of training Master's degree "Geodesy and Land Management"

Academic disciplines	Code	ECTS	Semester
Geographic Information Systems in Cadastral Systems	10.04	4	3

Speciality of training Master's degree "Finance"

Academic disciplines	Code	ECTS	Semester
Banking Management	11.11	1.5	1
Financial Services Market	11.11	2	1
Environmental Finance	11.07	1.5	1
Insurance Management	11.11	1.5	2
Financial Management	11.07	2.5	2
Agricultural Risks and Their Insurance	11.11	1.5	2