

**THE LIST OF HIGNER PROFESSIONAL EDUCATION
SPECIALITIES CODES**

Code	Name
010000	Physical and Mathematical Sciences
010100	Mathematics
010503	Software (Mathematical Support) and Administration of Information Systems
010700	Physics
010702	Astronomy
010900	Mechanics
020000	Natural Sciences
020100	Chemistry
020200	Biology
020203	Zoology
020204	Botany
020205	Physiology
020206	Genetics
020208	Biochemistry
020209	Microbiology
020300	Geology
020301	Geology
020304	Hydrogeology and Engineering Geology
020305	Geology and Geochemistry of Combustible Minerals

020400	Geography
020501	Cartography
020600	Hydrometeorology
020601	Hydrology
020602	Meteorology
020603	Oceanology
020700	Soil Science
020800	Ecology and Management of Natural Resources
020801	Ecology
020802	Management of Natural Resources
020804	Geo-ecology
030000	Human Sciences
030100	Philosophy
030200	Political Science
030300	Psychology
030302	Clinical Psychology
030400	History
030500	Jurisprudence

- 030600 Journalism
- 030602 Public Relations
- 030901 Publishing Industry and Editing
- 031000 Philology
- 031100 Linguistics
- 031200 Linguistics and Intercultural Communications
- 031202 Translation and Theory of Translation
- 031400 Culturology
- 031501 Art Criticism
- 031502 Museology
- 032001 Document Management and Documentation Providing of Management
- 032100 Physical Culture
- 032101 Physical Culture and Sports
- 032300 Regional Studies
- 032400 Advertising
- 040000 Social Sciences**
- 040100 Social Work
- 040200 Sociology
- 050000 Education and Pedagogics**
- 050100 Natural Science Education

- 050101 Chemistry
- 050102 Biology
- 050103 Geography
- 050200 Physical and Mathematical Education
- 050201 Mathematics
- 050202 Informatics
- 050203 Physics
- 050300 Philological Education
- 050301 Russian Language and Literature
- 050401 History
- 050403 Culturology
- 050700 Pedagogics
- 050703 Preschool Pedagogics and Psychology
- 050706 Pedagogics and Psychology
- 050707 Pedagogics and Methods of Preschool Education
- 050708 Pedagogics and Methods of Primary Education
- 050711 Social Pedagogics
- 050712 Thyphlopedagogics
- 050713 Deaf-and-dumb Pedagogics
- 050714 Oligophrenopedagogics
- 050715 Speech therapy
- 050716 Special Psychology
- 050717 Special Preschool Pedagogics and Psychology
- 050720 Physical Culture
- 060000 Public Health Service**

- 060100 Public Health Service
- 060101 General Medicine
- 060103 Pediatrics
- 060104 Medical Prophylactic Science
- 060105 Stomatology (Dentistry)
- 060108 Pharmacy
- 070000 Arts and Culture**
- 071000 Art of Literature

- 071500 Art Design of Products of Textile and Light Industry
- 080000 Economics and Management**
- 080100 Economics

- 080101 Theory of Economics
- 080102 Global Economics
- 080103 National Economics
- 080104 Labor Economics
- 080105 Finances and Credit
- 080107 Taxes and Taxation

- 080109 Accounting, Analysis and Audit
- 080111 Marketing
- 080116 Mathematical Methods in Economics
- 080300 Commerce

- 080301 Commerce (Trading Business)
- 080400 Commodity Research
- 080401 Commodity Research and Expert Examination of Goods (on fields of application)

- 080500 Management
- 080502 Economics and Management at Enterprise (on branches)
- 080504 State and Municipal Management
- 080506 Logistics
- 080507 Management of Organization
- 080600 Statistics
- 080800 Applied Informatics
- 080801 Applied Informatics (on fields)
- 100000 Service Trades**
- 100103 Social Cultural Service and Tourism
- 110000 Agriculture and Fishing Industry**
- 110100 Agricultural Chemistry and Agricultural Soil Science
- 110101 Agricultural Chemistry and Agricultural Soil Science
- 110102 Agroecology
- 110200 Agronomy
- 110202 Horticulture and Winegrowing
- 110203 Plant Protection
- 110204 Selection and Genetics of Crops
- 110300 Agro-engineering
- 110301 Mechanization of Agriculture
- 110302 Electrification and Automation of Agriculture
- 110303 Mechanization of Agricultural Product Processing
- 110304 Technology of Machine Maintenance in Agro-industrial Complex

- 110305 Technology of Production and Processing of Agricultural Production
- 110400 Zootechnology

- 110500 Veterinary Sanitary Examination

- 110900 Aquatic Bioresources and Aquiculture

- 111000 Fishery

- 111001 Industrial Fishing
- 111200 Veterinary Science

- 120000 Geodesy and Land Management**
- 120100 Geodesy

- 120101 Applied Geodesy
- 120300 Land Management and Cadastres

- 120301 Land Management
- 120302 Land Cadastre
- 120303 Municipal Cadastre

- 130000 Geology, Mineral Resources Exploring and Mining**
- 130100 Geology and Mineral Exploring

- 130201 Geophysical Methods for Prospecting and Exploration of Mineral Resources
- 130203 Prospecting Technology and Technics for Mineral Deposits
- 130300 Applied Geology
- 130301 Geological Survey, Prospecting and Exploration of Mineral Deposits
- 130302 Subterranean Waters Exploration and Geological and Engineering Surveys

130304	Geology of Oil and Gas
130306	Applied Geochemistry , Petrology, Mineralogy
130400	Mining Engineering
130402	Mine Survey
130403	Opencast Mining
130404	Underground Mining of Minerals
130405	Enrichment of Minerals
130406	Pit and Underground Construction
130500	Oil and Gas Engineering
130501	Projecting, Construction and Exploitation of Oil and Gas Pipelines and Oil and Gas Storage Reservoirs
130503	Exploration and Exploitation of Oil and Gas Deposits
130504	Drilling for Oil and Gas
130600	Equipment and Units for Oil and Gas Production
130601	Maritime Oil and Gas Constructions
130602	Machinery and Equipment for Oil and Gas Fields
130603	Equipment for Oil and Gas Produce Processing
140000	Power Engineering, Power Engineering Industry and Electrical Engineering
140100	Thermal Power Engineering
140101	Thermal Power Stations
140104	Industrial Thermal Power Engineering
140106	Power Supply of Enterprises
140200	Electric Power Industry
140201	High-voltage Electric Power Industry and Electrical Engineering

- 150100 Metallurgy
- 150101 Ferrous Metallurgy
- 150102 Nonferrous Metallurgy
- 150104 Foundry of Ferrous and Non-ferrous Metals
- 150105 Physical Metallurgy and Thermal Treatment of Metals
- 150106 Metalworking Using Pressure
- 150107 Metallurgy of Welding Engineering
- 150200 Machine Building Technology and Equipment
- 150201 Machinery and Technology of Metalworking Using Pressure
- 150202 Equipment and Technology
- 150204 Machinery and Technology of Foundry
- 150205 Equipment and Technology Improving Endurance and Restoration of Machinery and Tools
- 150206 Machinery and Technology of Highly Effective Processing of Materials
- 150300 Applied Mechanics
- 150301 Dynamics and Durability of Machines
- 150400 Technological Machines and Equipment
- 150402 Technological Machines and Equipment
- 150404 Metallurgical Machines and Equipment
- 150405 Machinery and Equipment of Forest Complex
- 150406 Machinery and of Textile and Light Industry
- 150407 Printing Machines and Automated Systems
- 150500 Material Science, Technology of Materials and Coatings
- 150501 Material Science in Machine Building
- 150800 Hydraulic, Vacuum and Compressor Technics

- 150802 Hydraulic Machines, Hydraulic Drives and Hydro-pneumatic Automation Devices
- 150900 Technology, Equipment and Automation of Machine Building Manufactures
- 151001 Technology of Machine Building
- 151002 Metalworking Machines and Complexes
- 151003 Tooling Systems of Machine Building Manufactures
- 160000 Aviation and Rocket and Space Machinery**
- 160201 Aircraft and Helicopter Industry
- 160301 Aircraft Engines and Power Systems
- 160901 Technical Exploitation of Aircrafts and Engines
- 180000 Maritime Machinery**
- 180102 Ship Building
- 180104 Shipboard Equipment
- 180105 Engineering Exploitation of Ships and Shipboard Equipment
- 180201 Systems of Electric Power and Automation of Ships
- 180400 Water Transport and Equipment Exploitation
- 180402 Ship Navigation
- 180403 Exploitation of Ship Power Plants
- 180404 Exploitation of Shipboard Electrical Equipment and Automation Equipment
- 190000 Vehicles
- 190100 Ground Transportation Systems
- 190200 Transportation Machinery and Transportation Technology Systems
- 190201 Automobile and Tractor Building
- 190205 Conveying, Construction, Road Vehicles and Equipment
- 190206 Agricultural Machinery and Equipment

190300	Railway Rolling Stock
190301	Locomotive Engines
190302	Railway Carriages
190303	Electric Transport for Railways
190401	Railways Electric Power Supply
190402	Automatics, Teleautomatics and Communication for Railways Transport
190500	Exploitation of Vehicles
190601	Automobiles and Fleet
190700	Organization of Transport and Management in Transport
190702	Traffic Organization and Safety
200000	Instrument Making and Optical Equipment
200100	Instrument Making
200102	Instruments and Quality Control and Diagnostics Techniques
200103	Aircraft Instruments and Measuring and Computing Complexes
200300	Biomedical Engineering
200400	Biomedical Equipment
200401	Biotechnical and Medical Devices and Systems
200402	Engineering in Medico biologic Practice
200500	Metrology, Standardization and Certification
200501	Metrology and Metrological Support
200503	Standardization and Certification

210000	Electronic Engineering, Radio Engineering and Communication
210100	Electronics and Microelectronics
210102	Lighting Engineering and Light Sources
210104	Microelectronics and Solid-state Electronics
210105	Electronic Devices
210106	Industrial Electronics
210107	Electronic Engineering
210200	Electronic Instrumentation Designing and Technology
210201	Radio Electronic Instrumentation Designing and Technology
210202	Computer Utilities Designing and Technology
210300	Radio Engineering
210301	Radio physics and Electronics
210303	Household Radio-electronic Equipment
210312	Audiovisual Technology
210400	Telecommunications
210404	Multichannel Telecommunication systems
210405	Radio Communication, Broadcasting and Television
210406	Communication Networks and Switching Systems
220000	Automatic Devices and Management
220201	Management and Informatics for Technical Networks
220300	Computer Technology and Production
230000	Informatics and Computers
230100	Informatics and Computers

- 230104 Computer-Aided Design Systems
- 230105 Software for Computers and Automatic Systems
- 230200 Information Systems

230000 Informatics and Computers

- 230100 Informatics and Computers

- 230104 Computer-Aided Design Systems
- 230105 Software for Computers and Automatic Systems
- 230200 Information Systems

- 230400 Applied Mathematics

240000 Chemical Technology and Biotechnology

- 240100 Chemical Technology and Biotechnology

- 240301 Chemical Technology of Nonorganic Substances
- 240302 Technology of Electrochemical Production
- 240304 Chemical Technology of Refractory Non-Metallic and Silicate Materials
- 240306 Chemical Technology of Monocrystals, Materials and Electronic Technology Product
- 240401 Chemical Technology of Organic Substances
- 240403 Chemical Technology of Natural Energy Resources and Carbon Materials
- 240406 Technology of Chemical Processing of Timber (Lumber)
- 240502 Technology of Plastics and Elastomers Treatment
- 240601 Chemical Technology Materials of Modern Energetics
- 240603 Chemical Technology of Rare Elements and Materials Based on them
- 240801 Machinery and Instruments for Chemical Manufactures
- 240900 Biotechnology

240902	Food Biotechnology
250000	Reproduction and Processing of Forest Resources
250100	Forestry Science
250200	Forestry and Landscape Construction
2502001	Forestry
250203	Park and Landscape Construction
250300	Technology and Equipment for Timber and Woodworking Production
250400	Technology of Timber and Woodworking Production
250401	Forestry Engineering
250403	Technology of Woodworking
260000	Food and Consumer Goods Technology
260100	Technology of Foodstuff
260200	Production of Foodstuff from Vegetable Resources
260201	Technology of Grain Storage and Processing
260202	Bread, Confectionery and Pasta Products Technology
260203	Sugar Products Technology
260204	Technology of Brewing and Wine
260300	Technology of Raw Materials and Products of Animal Origin
260301	Technology of Meat and Meat Products
260302	Technology of Fish and Fish Products
260303	Technology of Milk and Milk Products
260400	Technology of Fats
260401	Technology of Fats, Essential Oils and Perfume and Cosmetic Products
260500	Technology of Foodstuffs for Special Purpose and Public Catering
260501	Technology of Foodstuffs for Public Catering

- 260504 Technology Canned and Concentrated Food
- 260601 Machinery and Equipment for Food Industry
- 260700 Technology and Design of Textiles

- 260701 Technology and Equipment for Natural Fibers Production
- 260703 Design of Textiles
- 260704 Technology of Textiles
- 260800 Technology, Product Design and Materials of Light Industry

- 260900 Technology and Design of Light Industry Products
- 260901 Technology of Garments
- 260902 Design of Garments
- 260904 Technology of Leather and Fur
- 260905 Technology of Leather Goods
- 260906 Design of Leather Goods
- 261000 Art Material Handling Technology
- 261001 Art Material Handling Technology
- 261100 Printing Industry

- 270000 Architecture and Construction**
- 270100 Construction

- 270102 Industrial and Civil Construction
- 270104 Hydraulic Engineering Construction
- 270105 Urban Construction and Municipal Services
- 270106 Production of Building Materials, Products and Units
- 270109 Heat and Gas Supply and Ventilation
- 270112 Water Supply and Drainage System
- 270113 Mechanization and Automation of Construction

270114	Building Design
270200	Construction of Traffic Facilities
270201	Bridges and Transport Tunnels
270204	Railway Construction, Track and Railway Equipment
270205	Roads and Airfields
270300	Architecture
270302	Architectural Environment Design
280000	Personal and Social Safety, Environmental Engineering and Protection
280100	Personal and Social Safety
280102	Safety of Technological Processes and Producing Operations
280104	Fire Safety
280200	Environmental Protection
280201	Environmental protection and natural resource management
280300	Water Resources and Water Use
280301	Engineering Systems of Agricultural Water Supply, Irrigation and Drainage
280302	Complementary Use of Water and Water Conservation
280400	Environmental Engineering
280401	Melioration, Recultivation and Land Protection