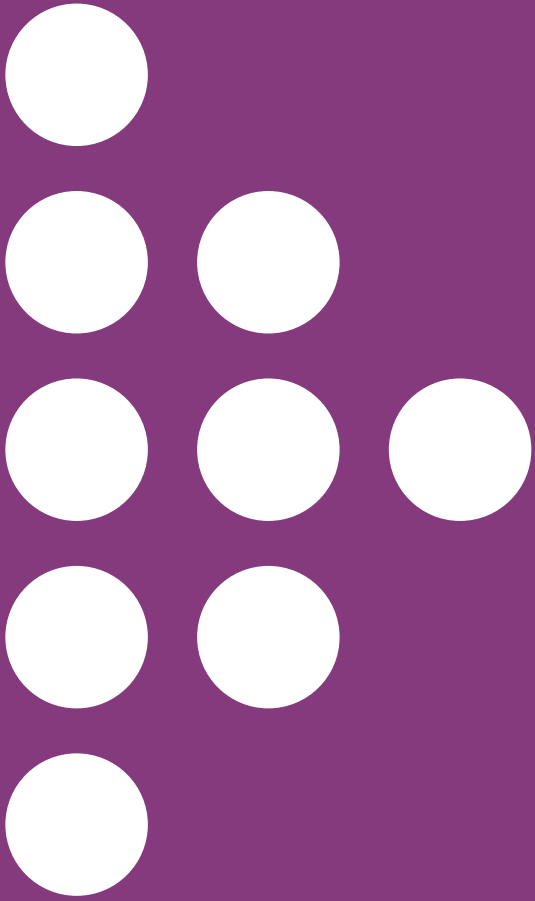


# Educational level Master



# Medical Institute

## study program **Medicine**



<https://op.sumdu.edu.ua/#/programm/550>



Official title:  
**222 Medicine**



Number of credits:  
**360 ECTS credits**



Language of instruction:  
**Ukrainian, English, Russian**



Duration of education:  
**5 years and 10 months**



Preconditions:  
**full secondary education, and high marks in Biology, Chemistry and Mathematics or junior specialist's degree in the corresponding medical specialty based on a competitive entry**

The University doctors and lecturers are well informed in their various fields of medicine and they are willing and ready to pass on the knowledge to the students. Students are encouraged by the university to take part in scientific conferences, medical research, medical quizzes and competitions. We get the opportunities to represent our university at various parts of the country and the world in medical conferences and scientific research. Information for studies is available to students on every departmental web page for download at any given time. I am well informed and grounded in the field of medicine due to the knowledge I acquired during my 6 years of study at the Medical Institute because I know I was well taught by some of the best doctors and lecturers and I attended one of the best medical schools in the world

**Oskar McPeters**  
graduate of Medical Institute

### Program learning outcomes:

The program is designed in accordance with the mission and strategy of the University.

It is aimed at:

- acquiring fundamental theoretical and practical skills, formation of general and special competences. Their scope of application is outlined by definite lists of syndromes and symptoms of diseases, urgent states, physiological conditions and diseases requiring special patient management, laboratory and instrumental research, medical procedure, and issues of labor, forensic, and military expertise;
- the program is implemented in small groups and optimally combines practical professional training for work as a doctor in the corresponding position in healthcare field and theoretical training.



## study program **Physical Culture and Sport**

### Program learning outcomes:

- capability of demonstrating and applying knowledge and practical skills of innovative preparation of sportsmen in professional and adaptive sport from positions of different modern concepts;
- capability of forming the originality and relevance of academic and research work, carry a scientific discussion and present the result according to the topics in selected kind of sport activity;
- capability of system understanding of concepts, principles of coaching activity functioning in high achievement sport, modern systems of sportsmen preparation, methods and technologies in sport training process.



Official title:  
**017 Physical culture and sport**



Language of instruction:  
**Ukrainian**



Preconditions:  
**bachelor's degree or educational and qualification level of the expert**




Duration of education:  
**1 year and 4 months**


## study program **Pediatrics**




<https://op.sumdu.edu.ua/#/programm/550>




Number of credits:  
**360 ECTS credits**




Language of instruction:  
**Ukrainian, English**



Official title:  
**228 Pediatrics**



Preconditions:  
**full secondary education and high marks in Biology, Chemistry and Mathematics or junior specialist's degree in the corresponding medical specialty based on a competitive entry**



Duration of education:  
**5 years and 10 months**

### Program learning outcomes:

- to use surveying skills and carry out clinical examination of children;
- determination of the research list and evaluation of their results in childhood;
- clinical diagnosing of child disease;
- determination of the nutrition nature and principles of child diseases treatment;
- diagnosis of emergency conditions and provision of emergency medical care of children.

<https://op.sumdu.edu.ua/#/programm/87>



## study program **Dentistry**

I chose education at Sumy State University in the specialty "Dentistry". There is an excellent material base at the university. Students perform dental procedures independently under the teachers' supervision. We gained good theoretical knowledge. I mastered dental manipulation. Knowledge and practical skills allowed me to work with patients in internship independently

**Anna Azhar**  
PhD Student

I chose this university for the following reasons: the first one is a professional teaching staff. The second reason is good equipment for dental manipulation, which is available for students. Their knowledge and skills helped me to take patients on my own immediately


**Liliia Paskaryk**  
graduate of 2018

### Program learning outcomes:


- preclinical and final clinical diagnosis of major dental pathology;
- planning of preventive measures to promote and maintain population oral health;
- creating the policy of dental patient care in somatic pathology;
- treating major oral diseases.




Official title:  
**221 Dentistry**




Number of credits:  
**300 ECTS credits**



Language of instruction:  
**Ukrainian, Russian**

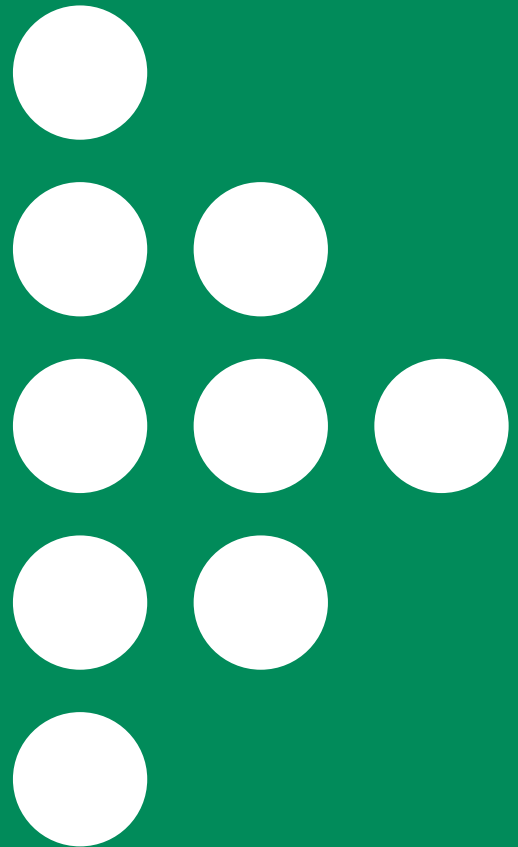


Duration of education:  
**4 years and 10 months**



Preconditions:  
**full secondary education and high marks in Biology, Chemistry and Mathematics or junior specialist's degree in the corresponding medical specialty based on a competitive entry**

# Faculty of Electronics and Information Technologies



## study program Biomedical Engineering



Number of credits:  
**120 ECTS credits**



Official title:  
**163 Biomedical Engineering**



Language of instruction:  
**Ukrainian**



Preconditions:  
**Bachelor's degree**



Duration of education:  
**1 year and 4 months**

### Program learning outcomes:

- expertise in the field of the development, design, production and operation of biological and medical equipment, biomedical and medical technologies as well as relevant software and information technologies for biology, medicine and medical instrument engineering;
- practical application of biomedical systems, measuring devices and sensors, systems for processing and displaying biomedical information, numerical methods for modeling biological objects, information computer expert systems and telemedicine.

**UKR** - <http://op.sumdu.edu.ua/#/programm/400>

**ENG** - <http://nano.elit.sumdu.edu.ua/en/specialities/163-biomedical-engineering.html>

<http://op.sumdu.edu.ua/#/programm/319>

## study program Electronic Informational Systems

In 2010, after graduating from the bachelor's degree, I entered a magistracy in Sumy State University at the Department of Electronics, General and Applied Physics in the educational program "Electronic Informational Systems". The choice of this Department was associated with information on the high level of master's training. In magistracy I got unique knowledge about physical properties of granular film alloys and experimental skills of electron microscopic research. Now I successfully apply the gained knowledge in my work

### Hamidreza Shirzadfar

magistracy graduate, PhD in Bioelectronics, Ass. Professor of Sheikhbahae University, Esfahan, Iran

### Program learning outcomes:

- knowledge of electrophysical and magneto-resistive properties of micro- and nanoelectronics materials of using modern software tools for modeling and automation of engineering calculations, scientific experiments with computer processing and results analysis;
- to design and implement electronic and sensory devices and systems in production, ensuring their implementation considering the requirements of economy, environmental friendliness and energy saving;
- to develop, modify and debug software for programmable electronic and sensory systems



Official title:  
**171 Electronic Informational Systems**



Number of credits:  
**90 ECTS credits**



Duration of education:  
**1 year and 4 months**



Language of instruction:  
**Ukrainian, English**



Preconditions:  
**Bachelor's degree**

# Micro-and Nanosystem Engineering



Number of credits:  
**90 ECTS credits**



Official title:  
**153 Micro-and Nanosystem Engineering**



Language of instruction:  
**Ukrainian**



Preconditions:  
**Bachelor's degree**



Duration of education:  
**1 year and 4 months**

## Program learning outcomes:

- development of new electronic devices and improvement of existing ones based on the combination of fundamental physio-mathematical, biomedical and medical-technical knowledge;
- knowledge of computer technology and microprocessors, as well as unique interdisciplinary training in the field of research, development and operation of sophisticated medical equipment, modern medical-technical information technologies and special training based on knowledge in the field of diffraction electronics, ion-plasma technology and nanotechnology.

<http://op.sumdu.edu.ua/#/programm/432>



## study program Informatics



Official title:  
**122 Informatics**



Number of credits:  
**120 ECTS credits**



Duration of education:  
**1 year and 4 months**



Language of instruction:  
**Ukrainian, English**



Preconditions:  
**Bachelor's degree**

## Program learning outcomes:

- to use the main regulations on the standardization, certification and licensing of IT-product;
- knowledge and understanding of advanced scientific concepts and principles of development and application of artificial intelligence technology;
- to apply modern tools of design and implementation of information technologies in various fields of human activity;
- to develop and use corporate information systems;
- knowledge and understanding of classification of cloud computing at the level systems and technologies IaaS, PaaS and SaaS, specificities of general web-hosting, renting of virtual private server and cloud computing systems.

My 5 years at Sumy State University have been excellent and memorable for a lifetime. I was not only gaining technical skills but also such valuable personal qualities as leadership and management that gave me a huge advantage in searching for my dream job. By giving me the chance to prepare all kinds of projects and presenting them in front of an audience not just improved my domain knowledge but also my communication skills that are so vital for success in career and life

**Ihor Babko**

Full Stack Developer

study program

# Applied Mathematics

<http://pom.sumdu.edu.ua/Data/pm113-mag-osv-prof-prog.pdf>Number of credits:  
**120 ECTS credits**Official title:  
**113 Applied Mathematics**Language of instruction:  
**Ukrainian**Preconditions:  
**Bachelor's degree**Duration of education:  
**1 year and 4 months**

## Program learning outcomes:

- knowledge of modern programming languages and the main directions of the tasks in which they are applied most effectively;
- ability to formalize the problems of a certain subject area, do their mathematical formulation and choose a rational method of decision;
- to solve the tasks with analytical and numerical methods, evaluate the accuracy and reliability of the results obtained;
- to do mathematical description, analysis and synthesis of complex systems and dynamic processes in these systems;
- to develop and use in practice algorithms for the approximation of functions, numerical differentiation and integration, solving systems of algebraic, differential and integral equations, solving boundary-value problems, finding optimal solutions.

<http://op.sumdu.edu.ua/#/programm/342>

# Electronic Systems and Components

Official title:  
**171 Electronic Systems and Components**Number of credits:  
**90 ECTS credits**Duration of education:  
**1 year and 4 months**Language of instruction:  
**Ukrainian**Preconditions:  
**Bachelor's degree**

## Program learning outcomes:

- to research information and physical processes in electronic components and computer systems, including distributed ones;
- to design and debug computer systems and components, ensuring their schematic and constructive implementation, to develop and debug the system and application software of programmable electronic systems, including distributed ones, based on microprocessors and microcontrollers;
- to design, apply and explore elements and technologies of artificial intelligence for the construction of applied information systems

The study program “Electronic Systems and Components” effectively combines the fundamental knowledge of electronic technologies with knowledge of innovative trends in the development of computer technology and IT, and you become both a professional in the field of electronics and programmable systems, as well as in the field of modern computers, computer technologies – systems of computer vision and 3D printing, network technologies, computer animation, etc. The acquired skills have a very positive effect on the career development of the graduates

**Oleksandr Rot-Sierov**

Regional Manager of PortaOne, Sumy, Ukraine



## study program Information Technologies of Design



<http://op.sumdu.edu.ua/#/programm/323>

### Program learning outcomes:

- knowledge of modern mathematical methods, algorithms of data processing, methods of optimization based on technology of artificial intelligence;
- application of modern information technology to solve professional IT problems;
- knowledge of modern technologies to support IT products and solutions, organize communication, identify, analyze and solve problems during the product life cycle;
- to choose, apply and program the basic algorithms for constructing and processing raster and graphic images;
- to build multi-dimensional models of specific subject areas for business needs and organize data warehouses in accordance with generally accepted concepts and considering the particularities of data warehouse architectures.



Official title:

**122 Information  
Technologies of Design**



Number of credits:  
**120 ECTS  
credits**



Preconditions:  
**Bachelor's degree**



Language of  
instruction:  
**Ukrainian**



Duration  
of education:  
**1 year and 4  
months**

I enrolled for Information Technology and Design, Faculty of Electronics and Informational Technologies, Sumy State University and it was the best thing that happened to me. Soon I fell in love with the course, because for me it was beyond my expectations, teachers, colleagues and the University itself received me very well. So far I have reviewed the study programs I have had during all these years, from the basics to the highest top, simply ideal for those who like to draw, meet new programming technology. Also I learned Artificial Intelligence, one of the areas nowadays very developed. So far I have enjoyed the knowledge that I obtained during my 4 years of study, I work with it, I live with it and I have several projects in mind that I can implement in the future and all this was only possible thanks to course, city and country that I chose to study.

I will take Sumy State University as reference for the whole world.

**Jose Nduli Pinto,**

Angola, graduate of Information Technologies of Design

<http://etech.sumdu.edu.ua/int/en/index.php>



### Program learning outcomes:

- to design and estimate power systems' state, considering the criterion of energy losses minimization;
- to make optimal technical solutions with the implementation of energy-efficient technologies;
- to develop modern power systems and comply with energy-efficient technological processes and production regimes;
- to ensure reliable operation of power system, considering the efficiency and power quality requirements;
- to assess the effectiveness of energy saving measures.

## study program Electric Power Engineering



Number of credits:  
**90 ECTS credits**



Official title:

**141 Electric Power  
Engineering**



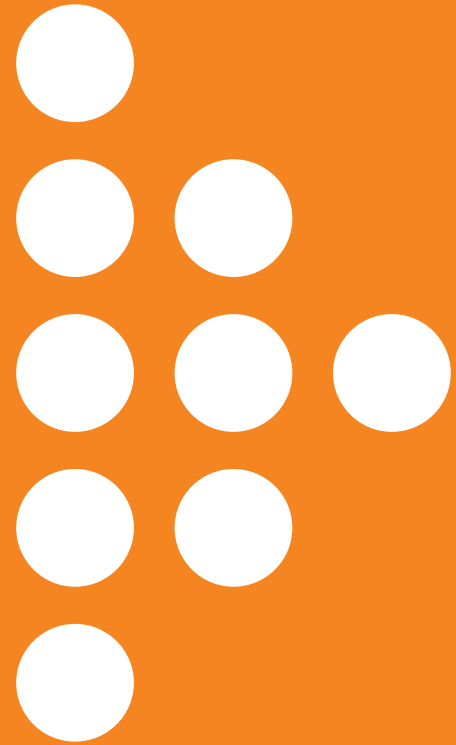
Language of  
instruction:  
**Ukrainian**



Preconditions:  
**Bachelor's degree**



Duration of education:  
**1 years and 4  
months**



**Faculty of  
Technical  
Systems and  
Energy Efficient  
Technologies**

## study program Manufacturing Engineering



<http://teset.sumdu.edu.ua/images/docs/8.131.2.pdf>



Official title:  
**131 Manufacturing Engineering**



Number of credits:  
**90 ECTS credits**



Duration of education:  
**1 year and 4 months**



Language of instruction:  
**Ukrainian**



Preconditions:  
**Bachelor's degree in Applied Mechanics**

### Program learning outcomes:

- study program is aimed at giving knowledge of design and production methods for manufacturing of a new type of product at the R&D stage and at the stage of development of technological support during manufacturing;
- focusing on the theoretical training and practice in using modern methods of technical systems optimization by means of system analysis, mathematical and computer simulation, under conditions of incomplete and contradictory incoming data;
- students gain skills in development of detailed engineering drawings, work plan and manufacturing steps, selection of cutting tools and purpose of cutting parameters for it;
- students practice in writing articles, preparation of technical documentation for patent application.

Study at “Manufacturing Engineering” program provides classical engineering education and opportunities. During my studies I had an opportunity to attend international and regional profile exhibitions, seminars. I had an internship at Technical University of Kosice, the Slovak Republic and Skoda Transportation, the Czech Republic. As a manufacturing engineer, I have a choice of positions to employ, starting from home appliances manufacturing to aerospace industry

**Nataliia Bohatenko**  
graduate of 2017

<http://teset.sumdu.edu.ua/images/docs/8.133.1.pdf>



## study program Metal-cutting Machine Tools and Systems

Study at the study program “Metal-cutting machines and systems” gave me an opportunity to get considerable practical experience. Theoretical knowledge was reinforced by solving real production problems while working in a students’ research laboratory, which functions on the basis of my home department and during internship abroad (Technical University of Kosice, Slovak Republic, University of West Bohemia (Czech Republic Agency), which allowed me to gain useful practical experience and contacts that were useful in my professional activities.

**Andrii Dovhopolov**  
graduate of 2017

### Program learning outcomes:

- knowledge of design and production methods for manufacturing of a new type of product at the R&D stage and at the stage of development of technological support during manufacturing;
- focusing on the theoretical training and practice in static and dynamic analysis of constructions, mechanisms, materials and processes by means of modern computer systems;
- skills in development of detailed engineering drawings, work plan and manufacturing steps, selection of cutting tools and purpose of cutting parameters for it;
- practice in writing articles, preparation of technical documentation for patent application.



Official title:  
**133 Metal-cutting Machine Tools and Systems**



Number of credits:  
**90 ECTS credits**



Duration of education:  
**1 year and 4 months**



Language of instruction:  
**Ukrainian**



Preconditions:  
**Bachelor's degree of Mechanical Engineering**

study program

## Equipment for Chemical Production and Construction Materials Enterprises



<http://teset.sumdu.edu.ua/images/docs/8.133.3.pdf>



Official title:  
**133 Equipment for  
Chemical Production  
and Construction  
Materials Enterprises**



Number of credits:  
**90 ECTS  
credits**



Language of instruction:  
**Ukrainian**



Duration of education:  
**1 year and 4  
months**



Preconditions:  
**Bachelor's degree in  
Industrial Engineering,  
Applied Mechanics**

### Program learning outcomes:

- to apply appropriate mathematical, scientific and technical methods, information technologies and applied computer software for solving engineering and scientific problems in chemical engineering, oil and gas processing, construction materials production;
- to describe, classify and simulate a wide range of technical objects, based on a profound knowledge and understanding of the theoretical foundations of chemical and technological processes, procedures of oil and gas processing, as well as basic knowledge of related sciences.

During my training in this study program, I improved my research skills. Thanks to modern educational strategies, used by teaching staff of the department, I received proficient professional training. All this helps to prepare future specialists for their introduction into the labor market and beginning of working life

#### Mohammed Nadhim Qasim

assistant teacher of Middle Technical University, Institute of Technology, Baghdad Chemical Industries Department

<http://teset.sumdu.edu.ua/images/docs/8.132.1.pdf>



## Applied Materials Science

study program

As a student, I had an opportunity to receive knowledge from highly professional teachers at Sumy State University. Today, I study at the "Applied Materials Science" program. The Department of Applied Materials Science and Technology of Constructional Materials has an active position in international activity and takes part in international projects Erasmus+ KA1, Erasmus+ KA2, the National Scholarship Program of the Slovak Republic. My experience of participating in international conferences and projects confirmed the demand for and prospects of materials scientists both for Ukraine and abroad. I consider the high level of theoretical and practical knowledge, obtained at Sumy State University, to be a background for me to realise my future scientific projects

#### Mariia Vyshehorodtseva

Master of Applied Materials Science, 2018

### Program learning outcomes:

- to apply the principles of designing new materials, develop and use physical and mathematical models of materials and processes;
- to develop new methods and techniques for studying materials and processes;
- ability to organize comprehensive research and testing of the materials, semi-finished products and products;
- to use experimental methods of research of structural, physico-mechanical, electrophysical, magnetic, optical and technological properties of the materials;
- to apply the requirements of regulatory acts about the formulation and solution of scientific, as well as scientific and technical tasks of development, manufacture, testing, certification, material utilization, creation and application of effective technologies of manufacturing products.



Official title:  
**132 Applied  
Materials Science**



Number of credits:  
**90 ECTS credits**



Language of instruction:  
**Ukrainian**



Duration of education:  
**1 year and 4 months**



Preconditions:  
**Bachelor's degree**

## study program

# Refrigerating Machines and Installations



teset.sumdu.edu.ua  
images/8.142.2.pdf

During my studies, I received basic and fundamental knowledge in the specialty that I have been applying in practice for many years when designing new refrigeration units that are used by many consumers for industrial purposes. The acquired knowledge helps me to develop and improve my professional and scientific level constantly

### Stanislav Meleichuk

Candidate of Technical Sciences, Associate Professor, Director of the Center of Extramural and Distance Education of SSU, graduate of 2002

Working as a manager of a major structural unit, whose work is aimed at attracting entrants to study in this specialty, I tell them every day about the complex tasks that they can solve after the termination of the law. I received all the necessary knowledge and skills during my studies and now every day I try to find information about new trends in the development of the refrigeration industry, to be always at the level of world manufacturers of this equipment.

### Yurii Merzliakov

Candidate of Technical Sciences, Senior Lecturer of the Department of Technical Thermal Physics, Director of the Department of Pre-University Education and Promotion, graduate of 2009

## Program learning outcomes:

- to solve complex problems and problems that are characterized by uncertainty of conditions and requirements in the field of energy engineering or in the process of training;
- planning the development process, manufacturing, installation, testing and repair of refrigeration equipment and heat pumps, international cooperation in the field of power engineering, in particular, refrigeration engineering, at the level of discussions in the foreign language;
- to design refrigeration equipment and heat pumps, their components and parts, implementing research.

During my studies in the chosen major, I actively began to study abroad programs and grants offered by Sumy State University to students of engineering direction. During the training, I took an internship at Skoda Transportation (Czech Republic), which enabled me to get acquainted with the latest developments in the industry and gain considerable experience for my further professional work.

**Artem Yashchenko**  
graduate of 2017



Official title:  
**142 Refrigerating  
Machines and  
Installations**



Number of credits:  
**90 ECTS credits**



Language of instruction:  
**Ukrainian**



Preconditions:  
**Bachelor's  
or Specialist's degree**



Duration of education:  
**1 year and 4 months**

study program

# Compressors, Pneumatic Units and Vacuum Technology



teset.sumdu.edu.ua/  
images/8.142.1.pdf

I chose my future profession after graduating from the Machine Building College of SumDU. When I came to study in the chosen major, I immediately realized that I had the opportunity to get basic theoretical and practical training, which I could use in practice later. After graduation, I continued to engage in scientific activity in the chosen specialty. I am currently working as a teacher and transfer the acquired knowledge to the next generation of students

## Serhii Sharapov

Candidate of Technical Sciences, Assistant Professor of the Department of Technical Thermal Physics, Deputy Dean of the Faculty of Technical Systems and Energy Efficient Technologies, graduate of 2008

Studying the “Compressors, pneumatic units and vacuum technology” program, from the first courses I got interested in scientific developments in this field. The study was combined with the participation in subject competitions and conferences. After graduation, I entered the postgraduate study program and defended my PhD thesis. I am currently working at a machine-building enterprise and constantly solving complex design problems related to the chosen profession.

## Andrii Skoryk

Candidate of Technical Sciences, graduate of 2010

Number of credits:  
**90 ECTS credits**

Official title:  
**142 Compressors, Pneumatic Units and Vacuum Technology**

Language of instruction:  
**Ukrainian**

Preconditions:  
**Bachelor's or Specialist's degree**

Duration of education:  
**1 year and 4 months**

## Program learning outcomes:

- to solve complex problems and problems that are characterized by uncertainty of conditions and requirements in the field of power engineering or in the process of training;
- to design compressor, vacuum equipment and pneumatic aggregates, research, planning, design, manufacturing, installation, testing and repair of compressor, vacuum equipment or pneumatic aggregates, international cooperation in the field of power engineering at the level of discussion in the foreign language.

study program

## Quality, Standardization and Certification


<http://teset.sumdu.edu.ua/images/docs/8.152.1.pdf>


Number of credits:  
**90 ECTS credits**



Official title:  
**152 Quality,  
Standardization and  
Certification**



Language of instruction:  
**Ukrainian**



Preconditions:  
**Bachelor's degree**



Duration of education:  
**1 year and 4  
months**

### Program learning outcomes:

- knowledge of such research methods as analysis and synthesis;
- skills in creative thinking, evaluation and systematization of various information sources for research in the areas of technical regulation (standardization, metrology, conformity assessment and market surveillance), quality management and food safety;
- knowledge how to determine the structure and functions of modern management systems that meet the requirements of international standards and the possibilities of their application;
- knowledge of planning, monitoring and analysis of management system quality, certification of integrated management systems

<http://teset.sumdu.edu.ua/images/docs/8.183.1.pdf>


## Technologies of Environmental Protection



Official title:  
**183 Technologies of Environmental Protection**



Number of credits:  
**120 ECTS credits**



Duration of education:  
**1 year and 4  
months**



Language of instruction:  
**Ukrainian**



Preconditions:  
**Bachelor's or  
Specialist's degree**

### Program learning outcomes:

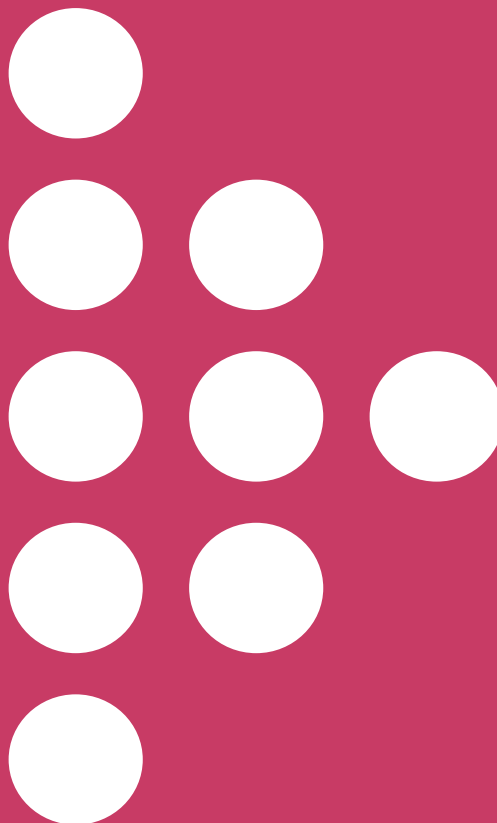
- to develop environmental management systems that meet the requirements of ISO 14004, establish procedures and promote the planning of environmental measures throughout the product life cycle;
- knowledge of the principles of integrated waste management and ecological and economic aspects of waste utilization, the basics of designing landfills for waste disposal, assessing their impact on the environment and human beings;
- knowledge of the principles of industrial planning at different levels of management and ability to conduct environmental research of the problems of spatial planning.

When I got a bachelor's degree in Technologies of Environmental Protection, I decided to obtain a master's degree on this specialty in-service. Now I can carry out experiments on laboratory equipment using modern software products, use computer technologies in the environmental sphere, analyze information on the state of the environment and production sphere for solving tasks in my professional activities

#### Kateryna Lego

graduate of 2018 Environmental engineer at LLC «Ecosystem»

# Faculty of Foreign Philology and Social Communications





## study program

# Germanic Languages and Literatures (including Translation)



**UKR** - <http://op.sumdu.edu.ua/#/programm/427>

**ENG** - <http://gf.sumdu.edu.ua/index.php/en/academic-process/master-s-degree>

### Program learning outcomes:

- to assess one's own teaching and professional activity;
- to build and implement an effective strategy of self-development and professional improvement;
- demonstration of proficiency with both written and oral forms of state (Ukrainian) and foreign (English, German) languages in professional and scientific environment;
- to apply modern techniques and technologies for successful and effective conducting of professional activities and quality assurance of scientific research in a specific linguistic area.

The alumni of the Department of Germanic Philology have confidence in their future since after they leave their Alma Mater, they know how to learn, how to unlearn, and to relearn. These are the core principles of the lifelong learning philosophy of today. The students not only get a profound theoretical knowledge in their core subjects, but obtain strong practical skills, and have lots of international mobility opportunities for increasing their intercultural competence. 15 years ago, we could only dream of this, but now it is real. So, catch the moment!

#### **Tetiana Anokhina**

PhD, M. P. Dragomanov Pedagogical University, Kyiv, Ukraine

SumDU is a great place to get a truly good education but you need to bend every effort to get something out of it. The academic process may be challenging but that's also what helps make our University great. SSU works to ensure every student gets a broad education in its various forms. Therefore, it builds its courses so that we can benefit of them to the greatest extent possible

#### **Ihor Nalyvaiko**

TV journalist, 1+1 Channel

SumDU devotes much attention to scientific research. The Professors of the Department are always eager to help you. You get an opportunity to travel to conferences abroad and University sponsors such trips. So, if you are a normal student, getting 45 a month scholarship as I did, you get a great chance to develop your scientific skills and obtain an international academic experience

#### **Liubov Taran**

founder of the "START" company

SSU is the place to study if you want to be at an intelligent and multicultural surrounding. When at high school, you get entertained in school clubs and students' council. Here, you are actually forced to make choice what you want to do in future. You'll be challenged to be the best you can be, to manage your time, to find the meaning in the work you choose to do in future

#### **Maryna Tkachenko**

assistant, HR department, Kyiv-Svyatoshyh City State Administration



Official title:  
**Germanic Languages and Literatures (including Translation)**



Number of credits:  
**90 ECTS credits**



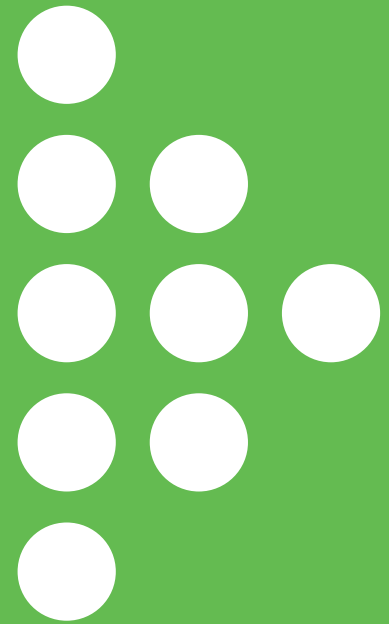
Language of instruction:  
**Ukrainian, English and German**



Preconditions:  
**Bachelor's degree**



Duration of education:  
**1 year and 4 months**



**Oleg Balatskyi**  
**Academic and**  
**Research Institute**  
**of Finance,**  
**Economics and**  
**Management**

## study program Investments, Entrepreneurship, and Start-ups

<http://op.sumdu.edu.ua/#/programm/247>



Official title:  
**076 Investments,  
Entrepreneurship and  
Start-ups**



Number of credits:  
**90 ECTS  
credits**



Language of instruction:  
**Ukrainian, English**



Duration of education:  
**1 year and 4  
months**



Preconditions:  
**Bachelor's degree**

### Program learning outcomes:

- to substantiate expediency of attracting own and borrowed sources to finance entrepreneurial activity
- to demonstrate initiative and entrepreneurship in different professional spheres, to apply the obtained knowledge for solving problems taking into account external and internal influences.
- to evaluate the financial and economic indicators of the small businesses and start-ups, to draw conclusions, and to make managerial decisions
- to develop and model own business processes for startup establishment and management

The master program «Investments, Entrepreneurship, and Start-ups» gave me an opportunity to study the principles of micro, small and medium business. During the studying, we successfully worked on a large number of social entrepreneurship cases, which gave me a great chance to redirect and scale my business

#### Victoria Makerskaya

founder of the Flower Shop «Tree of Desire», a graduate of the programs of the Ukrainian Social Academy and the School of Social Entrepreneurship in the UK (Sumy)

**UKR** - <http://op.sumdu.edu.ua/#/programm/409>

**ENG** - <http://km.fem.sumdu.edu.ua/en/spets%D1%96almost%D1%96/marketing>

## study program Marketing



Official title:  
**075 Marketing**



Number of credits:  
**90 ECTS  
credits**



Language of instruction:  
**Ukrainian**



Duration of education:  
**1 year and 4  
months**



Preconditions:  
**Bachelor's degree**

### Program learning outcomes:

- formation of students' competence in marketing management, considering the specifics of economic activity of market entities;
- critically interpret the results of the last theoretical and practical research in marketing sphere;
- to diagnose different aspects of marketing activity of market entity, conducting of marketing diagnostics and prognostics.

I want to note the professionalism and openness of teachers. During the classes, various forms of trainings, discussions, cases were used. Everyone could find themselves in the area they liked. During my studies there was an opportunity to participate in various contests and conferences. Separately, I want to mention the program of international mobility. I took part in both short-term training and youth exchanges and learning mobility for a whole semester. The main thing is your initiative, and all the necessary help will be provided

#### Mariya Rud

graduate of 2016

**UKR** - <http://op.sumdu.edu.ua/#/programm/509>

**ENG** - <http://management.fem.sumdu.edu.ua/en/administrative-management>



### Program learning outcomes:

- to solve complex tasks and problems in the sphere of public management and administration or during studying;
- to organize the system of e-document flow in the organization;
- providing research and/or innovations in terms of uncertainty of conditions and requirements.

I worked as an assistant of Sumy mayor while I was studying. At that time, I needed management skills. In fact, only over time you realize that it's never too late to learn. This becomes apparent when you encounter practical problems, that can be solved as a result of good knowledge which I received at Sumy State University

**Andrii Baranov**  
Master's degree,  
Administrative Management

## study program Administrative Management



Official title:  
**281 Administrative Management**



Number of credits:  
**90 ECTS credits**



Duration of education:  
**1 year and 4 months**



Language of instruction:  
**Ukrainian**



Preconditions:  
**Bachelor's degree**

**UKR** - <http://op.sumdu.edu.ua/#/programm/424>

**ENG** - <http://econ.fem.sumdu.edu.ua/en/specialities/magistracy/economiccenterprise>



## study program Economics and Business Innovation

Being a student - this is the most vivid stage in every person's life. During this period the formation of a person, the formation of a worldview takes place, which determine the character and person's destiny in the future. During the studying I discovered a lot of new information, got the knowledge that has become useful for me while employing.

**Mamurbek Yusupov**  
Uzbekistan, manager at  
"Sumyfitofarmacia" LLC

Almost every teacher here is taught 100% and gives the level of knowledge of the best European universities. This I have seen from my own experience, as continued studies at the German University. At first I thought that training in Germany would be difficult, but obtained basic knowledge helped to successfully complete training and gain perspective profession

**Halyna Shaban**  
Junior SAP Systemmanagerin в Koln  
Bonn Airport, Germany



Official title:  
**051 Economics and Business Innovation**



Number of credits:  
**90 ECTS credits**



Duration of education:  
**1 year and 4 months**



Language of instruction:  
**Ukrainian, English**



Preconditions:  
**bachelor's or master's degree**

### Program learning outcomes:

- to use modern information technology in social and economic research;
- to form new hypothesis and scientific tasks in the economy sphere, to choose appropriate directions and methods of their completing, considering resources available;
- to justify management decisions regarding effective development of entities;
- to use scientific methods of formation and foundation of effective strategies in economic activity.



Official title:  
**072 Finance and Audit  
for Entrepreneurship**



Number of credits:  
**90 ECTS credits  
(professional  
program), 120 ECTS  
credits (academic  
program).**



Language of instruction:  
**Ukrainian, English**



Duration of education:  
**1 year 4 months  
(professional program),  
2 years  
(academic program)**



Preconditions:  
**Bachelor's degree**

## study program **Finance and Audit for Entrepreneurship**

<http://fin.fem.sumdu.edu.ua/en/78-programi-pidgotovki/magisterski-programi/304-program-072-1-finance-and-audit-business.html>

Studying at the English language program gave me understanding and professional skills to feel free working with international financial reporting, to be familiar with tax planning and financial control. This combination made it possible to quickly get an interesting job at the international company and achieve career growth.

**Olha Bachal**

Accountant Expert on Transfer Pricing. LLC  
«Guala Closures Ukraine

The Program “Finance and Audit for Entrepreneurship”, MSc is accredited by the Association of Chartered Certified Accountants (ACCA), This means that, on successful completion of degree, graduates will be a warded exemptions from the following modules: F1-F7

### Program learning outcomes:

- to implement accounting and control procedures at macro and micro levels, to define and use the strategic economic tools in the fields of finance, banking, and insurance.
- to analyze the financial statements, to plan and to optimize the taxation burden of the various forms and scales of business entities
- to demonstrate knowledge of the requirements of the economic legislation
- to develop and substantiate professional decisions when implementing financial sanitation procedures
- to manage the efficiency of the financial activity of business entities by applying automated systems for the compilation and accounting of financial statements

## study program Business Administration



**UKR** - - <http://op.sumdu.edu.ua/#/programm/138>

**ENG** - <http://econ.fem.sumdu.edu.ua/images/stories/menu/specialities/mba/businessadministration1.pdf>



Official title:  
**073 Business Administration**



Number of credits:  
**90 ECTS credits**



Duration of education:  
**1 year and 4 months**



Language of instruction:  
**Ukrainian, English**



Preconditions:  
**Bachelor's or master's degree**

### Program learning outcomes:

- developing students' profound knowledge of management and administration of firms, institutions, organizations and their subdivisions with a broad access to employment;
- forming students' critical thinking and their ability to continue education; training qualified specialists capable of identifying and solving complex tasks and practical problems in the field of firms' management and business administration based on mastering the system of competencies;
- forming a global vision of business.

The impact of training on my formation as a professional in the field of personnel management can't be overestimated. When I started to work while studying at the university and going to the department manager in the leading European capital bank, I used to constantly use the knowledge acquired during the study, as well as the formed skills of scientific research, constant professional development

**Victoriia Sokolova**

ex-Head of the Department at Erste Bank, Kyiv

**UKR** - <http://op.sumdu.edu.ua/#/programm/506>

**ENG** - <http://management.fem.sumdu.edu.ua/en/project-management>



## study program Project Management

Nowadays Project Management is a very relevant field of activity because the competition in the modern world forces companies to resort to solving their problems using very non-standard methods in very short periods. Project Management is developing rapidly today and includes all the necessary knowledge to apply the tools and methods of project management practically

**Vladyslav Ustymenko**

Master's degree, Project Management

### Program learning outcomes:

- to solve complex tasks and problems in the sphere of project management or during studying, by providing research and/or innovations in terms of uncertainty of conditions and requirements;
- to solve complex tasks and problems in the sphere of project management or during studying, by providing research and/or innovations in terms of uncertainty of conditions and requirements;
- to create and organize effective communication in management process.



Official title:  
**073 Project Management**



Number of credits:  
**90 ECTS credits**



Duration of education:  
**1 year and 4 months**



Language of instruction:  
**Ukrainian, English**



Preconditions:  
**Bachelor's degree**

**UKR** - <http://op.sumdu.edu.ua/#/programm/488>

**ENG** - <http://management.fem.sumdu.edu.ua/en/management-of-organizations-and-administration>



## study program Management of Organizations and Administration

In business we use both theoretical and practical skills, gained during the study at Sumy State University. These are the organization and implementation of projects (planning, organization, motivation, control), personnel management, analysis of the market situation, business communication, work in crisis situations, etc.

### Alina Poznanska

Master's degree,  
Management, graduate of 2009

### Program learning outcomes:

- to solve complex tasks and problems in the sphere of management or during studying;
- providing research and/or innovations in terms of uncertainty of conditions and requirements;
- skills of formation and demonstration of leadership qualities.



Official title:

**073 Management of  
organizations and  
Administration**



Number of credits:  
**90 ECTS credits**



Duration of education:  
**1 year and 4 months  
(1 year and 9 months  
- for scientific  
program)**



Language of instruction:  
**Ukrainian, English**



Preconditions:  
**bachelor's degree**

<http://econ.fem.sumdu.edu.ua/images/stories/menu/specialities/environmental-economics/environmental.pdf>



## study program Environmental and Natural Resource Economics

During my studies I have been able to acquire new knowledge in the field of environmental economics, which is very necessary in my country. I think that my period of study was quite productive, and the acquired skills would be an important competitive advantage in getting the desired job

### Ankamah Pius

economist, coal mining  
company, Ghana

There is a strong team of highly skilled teachers, professionals, who can be always asked for advice and assistance. I remember most of my teachers with warmth and respect even after years. I wish the Department the successful development, I hope for support and further co-operation."

### Yevheniia Khakimova

Personnel recruitment manager,  
Alpha North Group Ltd. Montreal,  
Canada

### Program learning outcomes:

- gaining theoretical and practical knowledge, skills, competencies, enough to solve the complex economic problems in the environmental management, resource conservation, environmental protection, developing green business;
- training and implementation of solutions for improving the ecological and economic efficiency in various fields of economic complex, stimulating investments in green innovative activities.



Official title:

**051 Environmental  
and Natural Resource  
Economics**



Number of credits:  
**90 ECTS credits**



Duration of education:  
**1 year and 4  
months**



Language of  
instruction:  
**Ukrainian, English**



Preconditions:  
**bachelor's  
or master's degree**

study program

## Entrepreneurship, Trade and Logistics



Number of credits:  
**90 ECTS credits**



Official title:  
**076 Entrepreneurship,  
Trade and Logistics**



Language of instruction:  
**Ukrainian,  
English**



Preconditions:  
**bachelor or master  
diploma**



Duration of education:  
**1 year and 4 months**

### Program learning outcomes:

- acquiring fundamental theoretical knowledge of business as well as skills for their practical application in various branches of economy and management;
- to apply business communications to maintain the company's interaction with its internal and external environment;
- to identify and implement strategic plans for the business development in entrepreneurship, trade and exchange activities;
- to develop and optimize the routes of goods delivery, to manage inventories, organize work in warehouses



**UKR** - <https://op.sumdu.edu.ua/#/programm/390>

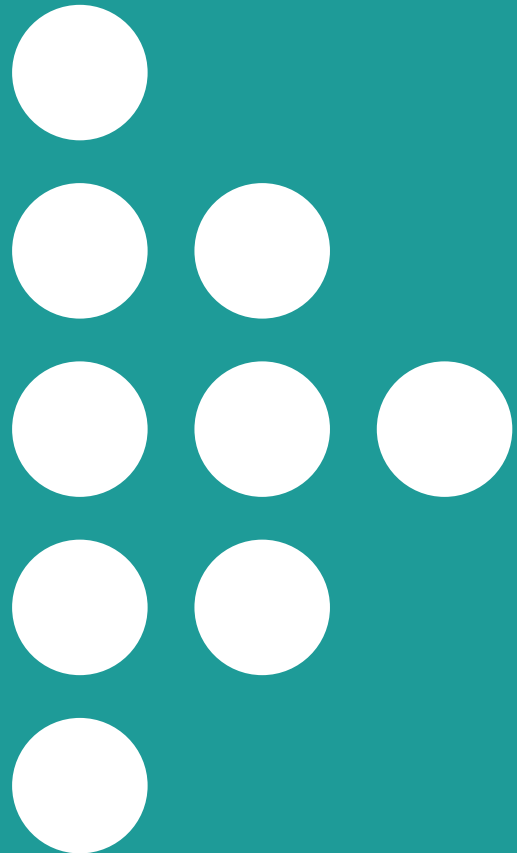
**ENG** - <http://econ.fem.sumdu.edu.ua/en/specialities/magistracy/trade>

During the studying at the program, I discovered a lot of new information, got the knowledge that has become useful to me while employing. Almost every teacher here is taught 100% and gives the high level of knowledge. Now I have my own successful business and use my knowledge in making managerial, financial decisions every day

**Gusejnov Togrul Sejran ogli**  
Azerbaijan



# Academic and Research Institute of Law



**Preconditions:**

bachelor's, specialist's or master's degree;  
single professional entrance examination  
using the external independent evaluation's  
organizational and technological processes



Number of credits:  
**90 ECTS credits**



Official title:  
**081 Intellectual Property**



Language of instruction:  
**Ukrainian**



Duration of education:  
**1 year and 4 months**

The knowledge and practical skills acquired during my study at Sumy State University helped me to realize myself as a highly skilled specialist in the legal field. It is thanks to the lecturers – practicing lawyers, who have made a serious contribution to my formation as purposeful, knowledgeable person in the legal details, that I relate to my goals and objectives with great responsibility and perseverance to this day

**Oleksii Mitsura**

Managing Partner of Sumy Branch No. 3 of the public company State Savings Bank

Studying at Sumy State University personally gave me a lot. I would like to say a special thanks to all lecturers. They always demanded real knowledge and evaluated them on their merits. Attempts have always been rewarded. Despite my schedule, the lecturers were always loyal and matched, which helped me to combine sports and training

**Bohdan Yadov**

judoist, winner of the EUROPEAN OPEN (Katowice, 2017), EUROPEAN OPEN bronze medalist (Sofia, 2018), silver winner of the II Youth Olympic Games Nanjing (2014)

**Program learning outcomes:**

- knowledge of the basic and doctrinal principles, legal sources, individual concepts and institutes of intellectual property law as complex branch of law, system of intellectual and creative activity results legal protection, objects of copyright and related rights, patent rights, means of individualization, other objects of intellectual property and ensuring an adequate level of intellectual property rights protection;
- to learn, analyze and evaluate circumstances of juristic case, conduct correct juristic qualification of actual circumstances of the case.

Thanks to the solid basic knowledge that I received while studying at SumDU, it was easy for me to make further steps in obtaining higher legal education. Currently I can say with no doubt that in my work I use practical experience of my first lecturers

**Serhii Volovyk**

judge of the Sumy District Administrative Court

## study program **Law**



<http://op.sumdu.edu.ua/#/programm/201>

### Program learning outcomes:

- to collect information, juristic problem analysis, development of juristic argumentation;
- mastering competencies which are necessary for understanding of law's nature and functions, meaning of the main legal institutes, using law, norms of material and procedural law and the limits of legal regulation of various social relations;
- to use the knowledge of international and European standards of human rights in practical activities.



Number of credits:  
**90 ECTS credits**



Official title:  
**081 Law**



Preconditions:  
**bachelor's, specialist's or master's degree; single professional entrance examination using the external independent evaluation's organizational and technological processes**



Language of instruction:  
**Ukrainian**



Duration of education:  
**1 year and 4 months**

<http://op.sumdu.edu.ua/#/programm/391>



## study program **Medical Law**

### Program learning outcomes:

- to properly use the regulatory system regarding the consequences of medical negligence, create appropriate claims of a private law character;
- the theoretical knowledge and practical skills, understanding of the general principles of practical legal activity, which is aimed at obtaining the necessary amount of theoretical legal knowledge in the field of health care, acquiring practical skills of specialized human rights protection and law enforcement, mastering a sufficient level of legal culture and legal awareness in the field of health care.



Number of credits:  
**90 ECTS credits**



Official title:  
**081 Medical Law**



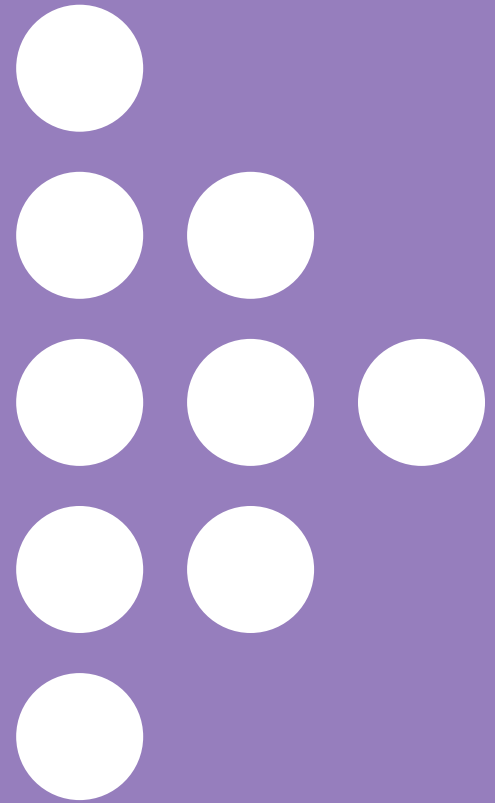
Preconditions:  
**bachelor's, specialist's or master's degree; single professional entrance examination using the external independent evaluation's organizational and technological processes**



Language of instruction:  
**Ukrainian**



Duration of education:  
**1 year and 4 months**



**Education and  
Research Institute  
for Business  
Technologies «UAB»**

study program

**International Business**

**UKR** – <http://sumdu.edu.ua/int/images/docs/Programme/International-Business-masters---HANDBOOK.pdf>

**ENG** – <http://kme.uabs.sumdu.edu.ua/ua/pro-kafedru/z-istoriji-kafedri-292>

I wanted to study and work abroad, to travel, to study English and to deepen knowledge of the relevant principles of international economic activity. The study program “International Business” is an integrated approach to meeting my needs!

**Oleksandr Polishchuk**

Victor Pinchuk Foundation Fellow, winner of All-Ukrainian competition of students scientific research, winner of SSU and all-Ukrainian students academic exchanges, grant and internship programmes, graduated in 2018, received an honors degree

Number of credits:  
**90 ECTS credits**

Official title:  
**292 International Business**

Language of instruction:  
**English**

Required background:  
**Bachelor's degree**

Duration of training:  
**1 year and 4 months**

**Program learning outcomes:**

- to identify and solve complex problems, generate new ideas in the process of learning and conducting comprehensive research on application of the latest innovative technologies in the field of international economic relations / international business;
- to organize and carry out scientific research of problems of international economic relations, identify scientific and practical problems, design scientific texts and reports, conduct public testing of research results independently;
- to find and evaluate new market opportunities, political and economic challenges and risks of doing business in selected countries and regions and to identify the impact of macro- and microeconomic factors on a business organization

[http://buchuchet.uabs.sumdu.edu.ua/images/department/buchuchet/predmets/2017-2018\\_predmet/progr18.pdf](http://buchuchet.uabs.sumdu.edu.ua/images/department/buchuchet/predmets/2017-2018_predmet/progr18.pdf)



study program  
**Accounting, Audit and Taxation  
in International Business**

**Program learning outcomes:**

- theoretical and practical knowledge, skills and insights related to the areas of accounting, control and taxation, that will enable them to effectively carry out tasks of innovative character at the appropriate level of research-oriented professional activities;
- solving complex tasks of strategic development management at micro- and macro-economic levels to meet the needs of science, business and enterprises in different fields of the economy using modern accounting, analytical and control procedures in the format of information and communication technologies.

**Practical relevance of the program:**

- program consistency with internationally recognized syllabus: Accounting and Reporting within IFRS, Audit and Assurance, Management accounting and informational systems, Financial and Strategic analysis, Taxation Planning and Reporting;
  - opportunity for obtaining professional certificate (ACCA, ACCA DiplFR, CAP, CIPA, CIMA, CFA);
  - incorporation of EU experience – corresponding with article 13 Directive 2014/56/EU, article 8 Directive 2006/43/EU, provisions of Directive 2013/34/EU and national accounting rules.
- Program meets International education standards (IESBA)

Official title:  
**071 Accounting, Audit and Taxation in International Business**

Number of credits:  
**120 ECTS credits**

Language of instruction:  
**English**

Required background:  
**Bachelor's degree**

Duration of training:  
**1 year and 9 months**

## study program

# Finance, Banking and Insurance



After receiving my Master's degree in Banking, I got into a fascinating world of science. I felt thoroughly prepared for the tasks and challenges that I faced during PhD thesis preparation. That was made possible by the classes, which were academically challenging. They also allowed me to apply my knowledge in an analytical and practical manner. Additionally, the broad range of extracurricular activities (from scientific conferences to theatre plays) provided me with opportunities for my personal and professional development. Today, I can honestly say, that I will never ever regret being SumDU alumnus

### Viktoriia Plachynda

Senior Economist, Monetary Policy and Economic Analysis Department, the National bank of Ukraine, graduate of 2006

## Program learning outcomes:

- to demonstrate an advanced and integrated understanding of the complex body of knowledge relevant to the area of banking and finance, including but not limited to: integration knowledge of accounting, economic policies, quantitative and qualitative analysis and finance in banking; regulations, procedures and key legal issues affecting the banking and financial sector; market communication and financial asset valuation techniques, performance analysis, risk and risk management; and the impact of financialization, globalization, e-commerce and regulatory reform on the provision of financial services in Ukraine and internationally;
- to analyze, critically reflect on and synthesize large amounts of financial information, interpret and appraise financial information and market conditions and solve sophisticated problems in complex contexts; conduct independent research and apply information, concepts, and theories to the relevant body of knowledge and practice in the field of banking; and explain recent developments and issues in banking and finance to specialists and non-specialist audience and professional practice;
- to integrate knowledge, competencies, and skills to formulate autonomy, expert judgment with incomplete or limited information in new or unfamiliar environments within a broader or multi-disciplinary context related to banking and finance

**UKR** – [http://banking.uabs.sumdu.edu.ua/images/department/banking/discip/osvitni\\_progr\\_fbss/osvitaprogram\\_magistr\\_bs.pdf](http://banking.uabs.sumdu.edu.ua/images/department/banking/discip/osvitni_progr_fbss/osvitaprogram_magistr_bs.pdf)

**ENG** – [http://banking.uabs.sumdu.edu.ua/images/department/banking/discip/osvitni\\_progr\\_fbss/osvitaprogram\\_magistr\\_bs\\_angl.pdf](http://banking.uabs.sumdu.edu.ua/images/department/banking/discip/osvitni_progr_fbss/osvitaprogram_magistr_bs_angl.pdf)

### Internship:

3 weeks of compulsory internship provides students with the opportunity to test the banking industry and make connections while gaining valuable work experience and applying classroom theory in real banks and non-banking financial and credit institutions.

### Academic mobility:

There is an opportunity to study according to the mobility semester program based on a bilateral agreement between Sumy State University and the Banking Institute «High School» (Czech Republic)



Official title:  
**072 Banking**



Number of credits:  
**90 ECTS credits**



Language of instruction:  
**Ukrainian, English**



Required background:  
**Bachelor's degree**



Duration of training:  
**1 year and 4 months full-time or part-time equivalent**