



НАЦІОНАЛЬНИЙ УНІВЕРСИТЕТ
«КИЄВО-МОГИЛЯНСЬКА АКАДЕМІЯ»

National University of Kyiv Mohyla Academy

Research Profile



Vice president for Research – Dr. Tetiana Yaroshenko, PhD in History

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National University of Kyiv Mohyla Academy in a Glance (end of 2018 data)

- **6 faculties: Nature Sciences, Humanities, Law, IT, Social Sciences, Economics**
- 34 departments
- 22 Bachelor programs
- 29 Master programs, incl. Kyiv-Mohyla Business School (kmbs)
- 15 PhD programs
- 31 scientific centers and clinics
- 27 student organizations
- 4219 students in bachelor and master programs, 141– PhD students
- The staff includes 1144 persons, 665 of them are teaching staff (faculty).
- Over 3000+ scientific publication
- NaUKMA collaborates with 120 Universities from 35 countries of the World

National University of Kyiv Mohyla Academy: brief history

The Kyiv-Mohyla Academy was founded 400 years ago and became the first university in Ukraine and in the whole Russian Empire. After having been closed for 70 years of the Soviet rule it was renewed in 1991 on its historical territory in Kyiv.

1615 - Monastery, hospital and school for children of all estates founded on the inheritance bequeathed by Halshka Hulevychivna. October 15 is Official Day of the Founding of Kyiv-Mohyla Academy

1658 - Kyiv-Mohyla College is granted legal status of a higher school and the title «Academy» (according to Hadiatska Uhoda, ratified by the Sejm of Rzeczpospolita in May, 1659)

1817 - The Sacred Synod resolved to close Kyiv-Mohyla Academy. A Theological Seminary opened in its place; two years later it was renamed the Kyiv Theological Academy

1918 - Kyiv Theological Academy closed

1920 - The buildings of KMA were passed to Dnipro Military Flotilla and to the Central Research Library of the Ukrainian Academy of Sciences

1991 - Decree of the Chairman of the Ukrainian Verkhovna Rada «On the revival of Kyiv-Mohyla Academy on its historic territory as an independent Ukrainian institution of higher education — University of Kyiv-Mohyla Academy» issued.

1992 - University of «Kyiv-Mohyla Academy» officially opened; the first entrants accepted as students (August 24)

National University of Kyiv Mohyla Academy during all its history since 1615 was much more than just a university. It always was a focal point for Ukraine development, it became the place where an innovative educational model was created, and today this model is being disseminated nationwide.

NaUKMA was the first university in Ukraine to implement:

- Bachelor programs (1992);
- Liberal Arts Education (1992);
- European Credit Transfer and Accumulation System (1992);
- Trimester system of academic year (1992);
- Its own diploma (1995);
- Parallel admission for two specializations (the choice can be made after exams are passed) (1995);
- Two-year Master programs (1996);
- Doctoral programs arranged by the Western academic criteria (2008);
- Specializations and schools created in partnership with the leading Western universities: Social Work, Ecology, Public Health, Business school and School of Journalism;
- Center of Urban studies; School of Psychosocial Rehabilitation;
- Center of membrane technologies and Laboratory of Genetics and Cellular Biology (the only ones in Ukraine by now) etc.

All these changes NaUKMA implemented were absolutely innovative for the post-Soviet educational system. When the Law “On Higher Education in Ukraine” was introduced in 2014, they were all included into it, so that NaUKMA became an example for the rest of Ukrainian universities.

NaUKMA now is one of the intellectually strongest and most prestigious universities of Ukraine

MISSION

National University of "Kyiv-Mohyla Academy" (NaUKMA) is a classic university that creates preserves and spreads knowledge in the natural, social, humanitarian and technical sciences. Kyiv-Mohyla Academy represents a community that forms nationally-conscious, honest, caring, creative personalities, who are able to think independently and act responsibly in accordance with the universal principles of Good and Justice, for the development of an open and democratic society.

VISION

NaUKMA is the leader in innovation that actively influences the future of Ukraine and its society. The Academy organically combines scientific activity, educational process and the acquisition of practical skills of the highest quality. Kyiv-Mohyla Academy is a prestigious, internationally-recognized by the world academic community research university, is dedicated to excellence in teaching, research, creative endeavors, and service.

NaUKMA as a research University with strong research and scholarship, preserves expands and disseminates knowledge in the sciences, humanities, and professions while embracing a philosophy of learning strongly rooted in the traditions of the liberal arts.

NaUKMA's reputation for excellence is rooted in the quality of our academic programs and research, and raising our profile in this regard takes concerted, significant investment on many fronts at once: attracting and retaining top faculty talent; becoming a destination for the brightest graduate students; encouraging high-impact interdisciplinary inquiry; and developing innovative teaching strategies. We approaching to create a high-quality Research University, able to compete at the global level

Research strategic development at NaUKMA according the University mission, visions and goals as well as due huge challenges and external factors toward Universities all around a world with new ecosystems of connections between Industry and Academia, with e-Science, with digital scholarship, with distance learning etc.

Research Focus Areas at NaUKMA

Natural Sciences

Biology

Genetic Engineering and Plant Genomics

**Laboratory of
Genetics and Cell
Biology**
Prof. Tamara
Ternovska

Stem Cell Technologies in Biology and Medicine

**Centre of Molecular
and Cell Research**
Prof. Nadiya Bilko

- Investigation of stem cells in normal and pathological state
- Development of novel methods of stem cell amplification and storage
- Studying of stem cells under the influence of stress factors
- Development of methods for cultural analysis and quality control for transplants
- Investigation of cell and molecular basis of pathological changes in infertility
- Investigation of mesenchymal cells cultivating conditions for further transplantation
- Development of early diagnostics method for hematological malignancies
- Development of approaches for the rapid diagnostics of human breast cancer *in vitro*
- Biosensor express control of biochemical parameters of development of cancer

Chemistry	Functional Polymers and Membranes	Centre for Membrane Research Prof. Anatoliy Burban
	Formation and Modification of Membranes with Special Features	
	Membrane-Distillation in Water Purification and Wastewater Treatment	
Environmental Sciences	Energy Fluxes and Stability of Natural Ecosystems	Department of Physics and Mathematics Dr. Yulia Bernatska
	Climate Change	
	Sustainable Development	
Physics	Theoretical Quantum Optics	

ECONOMICS

Economics theory	Transition economics and economic reforms	Head of the Department of Economics theory Prof. Yu. Bazhal
	International trade policy	
	Economic theory of technological change	
	European economic integration	
Finance	Information systems and technologies in financial research	Head of the Department of Finance, Head of the Laboratory of Finance and Economic Research
	Problems of the regional policy of Ukraine in the European context	
	Development of modern approaches to financial and economic decision making	
	Analysis of budget and tax policy in Ukraine	
Marketing & Business Management	Operational and strategic management in national and international companies	Head of the Department of Marketing & Business Management Dr. Pichyk Kateryna

Humanities

Cultural Studies	Psychoanalytic and semiotic study of visual, spatial and verbal cultural forms of the late XX - early XXI century.	Head of the Department of Cultural Studies Prof. M. Sobutskyi
	Modern culture in Ukraine: Post-Soviet and Western reception and influences	
	History of Cultural Anthropology and projects of its development	
Linguistics	Comparative, historical and contrastive linguistics	Head of the Department of General and Slavic Linguistics Dr.S.Kuranova
	Theoretical and lexicographical problems of linguistics	
	Vocabulary and grammar of classical and Turkic languages	
History	History of Ukraine	Head of the Department of History Dr. N. Shlikhta
	History of Central and Eastern Europe	
	Problems of the theory and methodology of historical research	
	History of education in Ukraine	
Literature	History of Kyiv-Mohyla Academy	Head of the Department of Literature Prof. V. Morenets
	Theory of Literature and Comparative Literature	
	History of World Literature	
Philosophy	History of Ukrainian Literature	Head of the Department of Philosophy Prof. V. Menzhulin
	History of philosophy in Ukraine	
	Theory and methodology of historical and philosophical knowledge	
Ukrainian	History of Western Philosophy	Head of the Department
	Ukrainian sociolinguistics	

Language	Stylistics	of the Ukrainian Language
	Topical problems of lexicology and grammar	Dr.N.Yasakova

IT & Mathematics

Information Technologies	Distributed systems	Head of the Department of Information Technologies Prof. M. Hlybovets
	Mathematical modeling and computational experiment	
	Software for e-learning	
	Design and development of decision support systems	
	Intelligence information system	
	Grid applications development	
	Multimedia technologies	
Mathematics	Database management systems	Head of the Department of Mathematics Dr. B. Oliynyk
	Discrete Mathematics: Spectral Graphs Theory, Metric Dimension of Graphs	
	Algebra: Theory of Groups and Semigroups	
	Stochastic Processes, Optimization, and Control Theory	
	Stochastic Optimization and Financial Mathematics	
Inverse and Ill-Posed Problems, Data Analysis		

Law

General and Public Law	General Theory of Law	Head of the Department of General and Public Law Prof. M. Koziubra
	Philosophy of Law	
	Constitutional Law of Ukraine	
	Administrative Law, Administrative Process	
International Law	Financial Law, Tax Law, Banking Law	Head of the Department of International Law Dr. R.Petrov
	International Human Rights	
	Legal Aspects of Gender Rights and Children's Rights	
Applied Legal Studies	Actual Problems of Information Law in Ukraine	Head of the Department of Applied Legal Studies Dr. R. Hanyk-Pospolitak
	Civil Law	
	Business Law	
	European law	
	Criminal Law and Criminal Procedure	

Social sciences

Political Science	Political Phenomena and Processes	Head of the Department of Political Studies Prof. S.Kyseliov
	Political Aspects of Public Policy and Public Administration	
	Political Culture and Civil Society	
	Features of Post-Communist Transformation in Ukraine and Central Europe	School for Policy Analysis
	Energy Policy and Security of Ukraine	

	European Integration of Ukraine	Prof. V. Haran
	Analysis of Modern Sociological Theories	
	Macro Sociological Approach to Global Sociology	
Sociology	Social Inequality, Intergenerational Social Class and Educational Mobility	Head of the Department of Sociology
	Sociological Studies of Gender Relations	Prof. S. Oksamytna
	Social Structures and Personal Qualities in the Ukrainian Society	
	Modern Religion in Ukraine and Worldwide	
	Problems of the Regional Policy of Ukraine in the European Context	
Mass Communication	Theory of Mass Communication	Kyiv-Mohyla School of Journalism
	Research Methods in Media	Prof.S.Kvit
	Modern Media	
Public Health	Health Care Management and Administration	School of Public Health
	Public Health	Dr. T.Yurochko
	Public Health Policy	
Social Work	Theory and Practice of Social Policy and Social Work in Ukraine	School of Social Work
	Older People in Ukraine and Worldwide	Dr. N. Husak
	Homelessness	

Ukraine context

Ukraine is the country of almost 46 million people and 2 million students. Nearly 7% of GDP is spent on education, but only **0.22% for Science and Research**.

Ukraine – is an important producer of scientific data. The general amount of employed in science is over 179 thousand of people, including 84,4 Doctors of Science. The literacy rate is estimated 99.4% in Ukraine. Ukraine produces the fourth largest number of post-secondary graduates in Europe (350+ Universities) while being ranked seventh in population. But comparing with global trends Ukrainian Universities and their Research are insufficient and does not correspond to the potential and opportunities.