



Curriculum Vitae



Personal information

First name(s) / Surname(s)

Sergii Bratushka

E-mail

snikolb@gmail.com

Gender

male

Current employment / Occupational field

Associate Professor of Cybernetics and Informatics Department, faculty of Economics and Management, Sumy National Agrarian University, www.snau.edu.ua

Work experience

General scientific and
pedagogical work experience

27 years (2 years - experience of work at SNAU)

Occupation or position held

Assistant professor at the Department of Cybernetics and Informatics at the Faculty of Economics and Management of the Sumy National Agrarian University

Main activities and
responsibilities

Teaching and scientific activity in the sphere of Innovative Modelling Methods

Name and address of
employer

Sumy National Agrarian University, 160 H. Kondratiieva Str., Sumy, 40000, Ukraine

Type of business or sector

Higher Educational Institution (Agricultural Sector)

Education and training

Dates

1985-1990; 1991-1994

Title of qualification awarded

1985-1990 – Faculty of Physics and Mathematics of the Sumy State Pedagogical Institute named after A.S. Makarenko (specialty "Physics and Mathematics").
1992 - 1995 - graduate studies at Sumy State University.

Principal subjects
/occupational skills covered

Modeling of economic processes, IT (Information Technology), Decision-making systems

Name and type of organisation
providing education and
training

Sumy State Pedagogical Institute, Ukraine

Level in national
or international classification

Teacher's diploma

Dates

1990

Title of qualification awarded

Candidate of Physical and Mathematical Sciences

Principal subjects/ occupational skills covered	Modern multimedia technologies, Business analysis, Information technologies.																														
Name and type of organisation providing education and training	Sumy State University, Ukraine																														
Level in national or international classification	PhD in Physical and Mathematical Sciences																														
Dates	1999																														
Title of qualification awarded	Researcher of e-learning subsystem																														
Principal subjects /occupational skills covered	Distance learning																														
Name and type of organisation providing education and training	National Aviation University, Ukraine																														
Title of qualification awarded	Advanced training on the basis of Sumy State University "Innovative Pedagogical Activity", 2019.																														
Principal subjects /occupational skills covered	Business analysis, Information technologies																														
Name and type of organisation providing education and training	Sumy State University, Ukraine																														
Mother tongue(s)	Ukrainian																														
Self-assessment <i>European level</i> (*)	<table border="1"> <thead> <tr> <th colspan="4">Understanding</th> <th colspan="4">Speaking</th> <th colspan="2">Writing</th> </tr> <tr> <th colspan="2">Listening</th> <th colspan="2">Reading</th> <th colspan="2">Spoken interaction</th> <th colspan="2">Spoken production</th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>B2</td> <td>Proficient user</td> <td>B2</td> <td>Proficient user</td> <td>B2</td> <td>Proficient user</td> <td>B2</td> <td>Proficient user</td> <td>B2</td> <td>Proficient user</td> </tr> </tbody> </table>	Understanding				Speaking				Writing		Listening		Reading		Spoken interaction		Spoken production				B2	Proficient user	B2	Proficient user	B2	Proficient user	B2	Proficient user	B2	Proficient user
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Ukrainian																															
Social skills and competencies	I can to work in the team within the framework of international and national scientific projects																														
Computer skills and competences	Proficient user. Data analysis (Data Mining)																														
Driving licence	-																														
Additional information:																															
Scientific Research Topic and Publications	Scientific interests: modeling of economic processes; application of economic-mathematical models and methods of optimizing decision-making in the economy; innovative modeling methods. Author of more than 50 publications on modeling and analysis of complex socio-economic systems																														
Projects Experience	From 2022, -- the executor of research work on the topic: "Development of means of information support for innovative activities in the agricultural sector of the region" (UkrINTEI: 0121U110116)																														

Annex 1. SELECTED ACADEMIC ARTICLES:

1. Mikhalev, A.D., Dyadyura, K.A., Lebedinskyi, I., Bratushka, S.N., Kravchenko, Y.O. Structure, morphology, and elemental-phase composition of j02002 steel as a result of electrolytic-plasma processing. - High Temperature Material Processes, 2019, 23(1), стр. 25–36 DOI: 10.1615/HighTempMatProc.2019029353
2. Rumiantseva K., Yevdokymova N., Bratushka S., Kharchenko N., Ievliev O. The importance of multimedia means usage in improving the quality of education. Brazilian Journal of Education, Technology and Society (BRAJETS) <https://doi.org/10.14571/brajets.v16.n3.665-674>

3. Братушка, С. М. Дослідження та аналіз часових рядів фінансових показників методом вейвлет-аналізу/С.Братушка, М.Рожкова// Економіка та суспільств. - № 25. – 2021 doi.org/10.32782/2524-0072/2021-25-50
4. Акімова В., Фадєєва Г., Братушка С. Використання статистичних методів аналізу фінансової діяльності підприємств в умовах невизначеності. Ефективна економіка. 2023. №10. DOI: <http://doi.org/10.32702/2307-2105.2023.10.9>
5. Башлой С.В., Кулагін Д.В., Братушка С.М. Цифрові інструменти стратегічного менеджменту в аграрному бізнесі. Економіка. Фінанси. Право. 2023. №8. DOI: <https://doi.org/10.37634/efp.2023.8.10>
6. Ion Implantation: Synthesis, applications and Technology/ Ch. 5. Ion Implantation of titanium alloys: microstructure, properties and applications/ Pogrebnyak A.D., Beresnev V.M., Bratushka S.N., Shypulyenko A.P. - New York: Nova Science Publishers Inc., 2018. – 334 p.
7. В. А. Кадієвський, Л. П. Перхун, С.М. Братушка, О. О. Синявська. Моделі економічної динаміки. К.: Інформ.-аналіт. агенство, 2017. — 465 с.
8. A.D. Pogrebnyak, S.N. Bratushka, O.V. Bondar, D.L. Alontseva, S.V. Plotnikov, and O.M. Ivasishin, Nanocoatings: Nanomaterials and Nanostructures Coatings Fabrication Using Detonation and Plasma Detonation Techniques, in CRC Concise Encyclopedia of Nanotechnology, edited by Boris Ildusovich Kharisov, Oxana Vasilievna Kharissova, Ubaldo Ortiz-Mendez, 2015 by CRC Press, 1186 pages.