

# CURRICULUM VITAE

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**Name:** **Biljana JOLEVSKA-TUNESKA, PhD. Full Professor**

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**Working address:** Department of Mathematics and Physics  
Faculty of Electrical Engineering and Information Technologies  
Ss. Cyril and Methodius University in Skopje  
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**Date of Birth:** 23<sup>rd</sup> of June 1973  
**Place of Birth:** Bitola, Republic of Macedonia  
**Nationality:** Macedonian  
**Citizenship:** Republic of Macedonia  
**Sex:** Female  
**Marital Status:** Married, three children

## *Employment History*

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**Place:** Ss. Cyril and Methodius University in Skopje  
Faculty of Electrical Engineering and Information Technologies,  
Department of Mathematics and Physics, Skopje, Republic of Macedonia

**Position:** Teaching and Research Associate, 1995-1999  
Senior teaching and Research Associate, 1999-2004  
Assistant Professor, 2004-2010  
Associate Professor, 2010-2014  
Full Professor, 2014-present  
Vice dean for Education at FEIT, UKIM , 2016-2017

## *Education*

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**Place:** University of Novi Sad,  
Faculty of Sciences, Department of Mathematics, Novi Sad, Serbia

**Degree:** Ph.D. in mathematics, January, 2003

- Advisor:** Prof. Arpad Takači, Ph.D.  
**Thesis:** “Neutrix products and convolutions of distributions and applications”
- Place:** Ss. Cyril and Methodius University in Skopje  
Faculty of Natural Sciences, Department of Mathematics, Skopje, Republic of Macedonia
- Degree:** M. Sc. in mathematics, April, 1999,  
**Advisor:** Prof. Dragan Dimitrovski, Ph.D.  
**Thesis:** “Nonlinear matrix differential equations of Riccati type”
- Place:** Ss. Cyril and Methodius University in Skopje  
Faculty of Sciences, Department of Mathematics, Skopje, Republic of Macedonia
- Degree:** B.Sc. in Theoretical mathematics, October, 1995. GPA: 9.50/10  
**Advisor:** Prof. Dončo Dimovski, Ph.D.  
**Thesis:** “Analysis of close topologies”

### *List of Publications*

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1. N. Tuneski, M. Nunokawa, **B. Jolevska-Tuneska**: A Marx-Strohhacker type result for close-to-convex functions, *Complex analysis and dynamical systems, Trends Math*, 367—372, Birkhauser/Springer, 2018, DOI:10.1007/978-3-319-70154-7\_16.
2. Limonka Lazarova, **Biljana Jolevska-Tuneska**, Inci Akturk, Emin Ozcag: Note on distribution composition, *Bulletin of Malaysian Mathematical Society*, Volume 41, 2018, Number 2, 709—721, DOI 10.1007/s40840-016-0342-2
3. M. Miteva, **B. Jolevska-Tuneska**, T. Atanasova-Pacemska:, Results on the Colombeau Products of the Distribution  $x_+^{-r-1/2}$  with the Distributions  $x_-^{-k-1/2}$  and  $x_-^{k-1/2}$ , *Funktsional. Anal. i Prilozhen.*, 52:1, 2018, 13–25.
4. T. Zenku, **B. Jolevska-Tuneska**: On the commutative neutrix convolution product of the dilogarithm integral, *Far East Journal of Mathematical Sciences*, Volume 101, Issue 3, February 2017, 545-558.
5. Teuta Zenku, **Biljana Jolevska-Tuneska**: Commutative neutrix convolution product involving Gaussian error function, *International journal of Applied Mathematics*, Volume 30 No. 2 2017, 117-129. <http://dx.doi.org/10.12732/ijam.v30i2.4>
6. T. Zenku, **B. Jolevska-Tuneska**, N. Tuneski: Results on the exponential integral, *Sarajevo Journal of mathematics*, Vol.13 (25), No.1, 2017, 71—80.
7. M. Nunokawa, H. Srivastava, N. Tuneski, **B. Jolevska-Tuneska**: Some Marx-Strohhacker Type Results for a Class of Multivalent Functions, *Miskolc Mathematical Notes*, Vol. 18 (2017), No. 1, 353–364. DOI: 10.18514/MMN.2017.1952
8. M.Miteva, **B. Jolevska-Tuneska**, T. Atanasova-Pacemska: Colombeau products of distributions, Springer Plus, published on line 29 November 2016, DOI 10.1186/s40064-016-3742-8
9. E.Ozcag, L.Lazarova, **B. Jolevska-Tuneska**: Defining compositions of  $x_+^{\mu}, |x|^{\mu}$ ,  $x^{-s}$ , and  $x^{-s} \ln|x|$  as neutrix limit of regular sequences, *Communication in Mathematics and Statistics*, March 2016, Volume 4, Issue 1, 63-80. DOI 10.1007/s40304-015-0076-8.
10. N.Tuneski, T.Bulboaca, **B. Jolevska-Tuneska**: Sharp results on linear combination of simple expressions of analytic functions, *Hacettepe journal of mathematics and statistics*, volume 45(1), 2016, 121-128, Doi: 10.15672/HJMS.20164513114

11. N. Tuneski, M. Nunokawa, **B. Jolevska-Tuneska**: Extension of some results on univalent functions, Journal of Inequalities and Application, (2015) 2015:322 , DOI 10.1186/s13660-015-0845-7
12. N. Tuneski, **B. Jolevska-Tuneska**, B. Prangovski:, On existence of sharp univalence criterion using the Schwarzian derivative Comptes rendus de l'Acad\_emie bulgare des Sciences, Vol 68 No. 5, 2015, 569--576
13. M.Miteva, **B.Jolevska-Tuneska**, T.Atanasova-Pacemska: On products of distributions in Colombeau algebra, Mathematical Problems in Engineering, Hindawi publishing cooperation, Volume 2014, Article ID 910510, 4 pages <http://dx.doi.org/10.1155/2014/910510>
14. N.Tuneski, M. Petrusevski, **B. Jolevska-Tuneska**: On Starlikeness of Analytic Functions with Bounded Derivative, Pan American Mathematical Journal, Volume 24 (2014), Number 1, 93–101
15. L.Lazarova, **B.Jolevska-Tuneska**, T.Atanasova-Pacemska: On the generalized Fresnel cosine integrals and convolutions, International journal of functional analysis operator theory and application, Volume 6, Number 3, 2014, 141-152.
16. B. Fisher, **B. Jolevska-Tuneska**: Results on the Composition and Neutrix Composition of the Delta Function, Hacettepe journal of mathematics and statistics, Volume 43 (1) 2014, 43-50
17. **B. Jolevska-Tuneska**, T.Atanasova-Pacemska: Further results on Colombeau product of distributions, IJMMS, Volume 2013, Article ID 918905, 5 pages, <http://dx.doi.org/10.1155/2013/918905>
18. **B.Jolevska-Tuneska**, I. Jolevski: Some results on the digamma function, Applied Mathematics and Informational sciences, Natural publishing house, Volume 7, No. 1 (2013), 167-170
19. B.Fisher, **B.Jolevska-Tuneska**, A.Takaci: Further results on the logarithmic integral, Sarajevo Journal of mathematics, Vol.8 (20) (2012), 91-100.
20. **B. Jolevska-Tuneska**, B. Fisher: On the logarithmic integral and convolutions, Bulletin of Malaysian Mathematical Sciences Society, Vol 35, No 3, (2012) 671-677.
21. M. Miteva, **B.Jolevska-Tuneska**: Some results on Colombeau product of distributions, Adv.Math.Sci., Volume 1, No. 2, (2012) 121-126.
22. L. Lazarova, **B. Jolevska-Tuneska**: On the generalized Fresnel sine integrals and convolution, Adv.Math.Sci., Volume 1, No. 1, (2012) 65-71.
23. **B.Jolevska-Tuneska**, B.; Fisher: Further results on the dilogarithm integral, Journal of Applied Mathematics, Volume 2011, Article ID 421601, 10 pages, doi:10.1155/2011/421601
24. **B.Jolevska-Tuneska**, B.Fisher, E.Ozcag: On the dilogarithm integral, International Journal of Applied Mathematics, Vol. 24, No. 3 (2011), 361-369.
25. B. Fisher, **B.Jolevska-Tuneska**: On the logarithmic integral, Hacettepe journal of mathematics and statistics, Volume 39 (3) 2010, 393-401
26. Ozcag E.; Ege I.; Gurcay H., **B. Jolevska-Tuneska** : On partial derivatives of the Incomplete Beta Function, Applied Mathematical Letters, Volume 21 , Issue 7, July 2008 , Pages 675-681, doi:10.1016/j.aml.2007.07.020.
27. **B. Jolevska-Tuneska**: On the non-commutative neutrix product involving slowly varying functions, Novi Sad J. Math., Vol 38, No. 3, 2008, pp105-112.
28. **B. Jolevska-Tuneska**, A. Takači: Results on the commutative neutrix convolution product of distributions, Hacettepe journal of mathematics and statistics, Volume 37, Issue 2, (2008), 135-141
29. **B. Jolevska-Tuneska**, A. Takači, E. Ozcag: On differential equations with non-standard coefficients, Applicable Analysis and Discrete Mathematics, 1 (2007),1-8
30. **B. Jolevska-Tuneska**, E. Ozcag: On the composition of distributions  $x^{-s} \ln|x|$  and  $|x|^{\mu}$ , International Journal of Mathematics and Mathematical Sciences, Volume 2007, article ID 60129, 9 pages, doi:10.1155/2007/60129.
31. E.Ozcag, I. Ege , H. Gurcay, **B. Jolevska-Tuneska**: On the non-commutative neutrix product of distributions, Abstract and Applied Analysis, Volume 2007, Article ID 81907, 10 pages, doi: 10.1155/2007/81907
32. **B. Jolevska-Tuneska**: Some results on convolutions, Math.Maced. Vol. 5 (2007) 37-41.

33. E.Ozcag, I. Ege , H. Gurcay, **B. Jolevska-Tuneska**: Some remarks on the incomplete gamma function; Editors K. Tas at al. Mathematical Methods in Engineering, 97-108, Springer books 2007.
34. B. Fisher B, **B. Jolevska-Tuneska**: Two results on the composition of distributions, Thai Journal of Mathematics, 3 (2005) No1: 17-26.
35. **B. Jolevska-Tuneska**: On convolutions and neutrix convolutions involving slowly varying functions, Matematicki bilten 28, 2004, pp 51-58.
36. B. Fisher, **B. Jolevska-Tuneska**, A. Takaci: On convolutions and neutrix convolutions involving the incomplete gamma function, Integral Transforms and Special Functions, Vol. 15/5 (2004) 404-415.
37. B. Fisher, **B. Jolevska-Tuneska**, A. Kilisman: On defining the incomplete gamma function, Integral Transforms and Special Functions, Volume 14, Number 4 (2003), 293-299.
38. **B. Jolevska-Tuneska**, A. Takaci, B. Fisher: On some neutrix convolution products of distributions, Integral Transforms and Special Functions, Vol. 14/3 (2003) 243-250.
39. B. Fisher, **B. Jolevska-Tuneska**, A. Takaci: On the Composition of Distributions  $x^{-s} \ln|x|$  and  $x^r$ , Thai Journal of Mathematics, (2003) Vol 1: 39-48.
40. B. Fisher, **B. Jolevska-Tuneska**, A. Takaci: On the incomplete gamma function and the neutrix convolution, Mathematica Bohemica, 4 (2003) 367-377.
41. **B. Jolevska-Tuneska**: Neutrix products and convolutions of distributions and applications, PhD thesis, January 2003, Novi Sad, Serbia.
42. B. Fisher, **B. Jolevska-Tuneska**, E. Ozag: Further results on the composition of distributions, Integral Transforms and Special Functions, Vol 13 (2002) 109-116
43. Jolevska-Tuneska B., Fisher B.: The cosine integral and the commutative neutrix convolution product, Hacettepe Bulletin of Natural Sciences and Engineering, Series B, Vol. 30 (2001), 1-15.
44. Jolevska-Tuneska B., Fisher B.: Results on the composition of distributions, International Journal of Applied Mathematics, Vol. 5 No. 4 (2001) 407-418.
45. Jolevska-Tuneska B., Fisher B.: An existence theorem for the non-commutative neutrix product of distributions, International Journal of Applied Mathematics, Vol. 3 No. 1 (2000) 63-70.
46. Jolevska-Tuneska B., Fisher B.: The Composition of the Distributions  $\operatorname{sgn} x|x|^{-\lambda}$  and  $|x|^{(2r+1)/\lambda}$ , Proceedings of the International Conference on Mathematics and its Applications in the New Millennium, 18-19 July, University Putra, Malaysia, 2000, 21-27.
47. Jolevska-Tuneska B., Fisher B.: The sine integral and the commutative neutrix convolution product, Contributions, Vol. 1-2 (2000) 55-69.
48. Jolevska-Tuneska B., Lazov P.: Nonlinear matrix differential equations of Riccati type, Proceedings of Equadiff'99, Berlin, 503-507.
49. Jolevska B.: Nonlinear matrix differential equations of Riccati type, master thesis, Skopje 1999
50. Tuneski N., Jolevska B, Dimitrovski D.: Method of iterations on matrix differential equatin, Prirod.-Mat. Fak. Univ. Kiril Metodij Skopje Godishen Zb. Vol.37 (1996), 85-92.
51. Jolevska B., Lazov P., Dimitrovski D.: Polynomial part of square root of  $\lambda$ -matrices, Prirod.-Mat. Fak. Univ. Kiril Metodij Skopje Godishen Zb. Vol.37 (1997), 62-71.
52. Sapkarev I.A., Jolevska B.T.: Invariant non-homogeneous third order linear differential equations in respect to function substitution, Proceedings of the first congress of mathematics and informatics of Macedonia in Ohrid, 1996, 93-100.

## ***Research Interests***

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### **Head of the Project:**

- “Neutrix products and convolutions of distributions and their application”, international research project financed by Ministry of Education and Science of Macedonia and TUBITAK, Turkey, 2006-2008.
- “Products of distributions in Colombeau algebras”, national research project financed by FEIT, Ss. Cyril and Methodius University in Skopje, 2011-2012.
- “Introduction of a new space of distributions and its application”, international research project financed by Ministry of Education and Science of Macedonia and Ministry of Education and Science of Montenegro, 2016-2017.
- Erasmus plus project: “MATHDebate - the Voice of Students – Searching Excellence in Math Education through Increasing the Motivation for Learning” Ref. number: 2016-1-MK01-KA201-021659

### **Member of the Projects:**

- “Wavelet, multi resolution analysis and its applications”, a national research project financed by Ministry of Education and Science of Macedonia, 2001-2004.
- “Geometric function theory and its application”, a national research project financed by Ministry of Education and Science of Macedonia 2001-2004.
- “Univalent functions”, international research project financed by Ministry of Education and Science of Macedonia and TUBITAK, Turkey, 2006-2008.
- “Functional spaces, topological and statistical aspects and their applications in electrical engineering”, national research project financed by University Goce Delcev in Stip, 2013-2017

## ***Thesis Supervision***

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Biljana Jolevska-Tuneska is involved at the School of Doctoral Studies at Ss. Cyril and Methodius University in Skopje in the education program of Mathematical Sciences and Application where she had three PhD students:

- Limonka Lazarova, PhD thesis, *New results in neutrix calculus*, Ss. Cyril and Methodius University in Skopje, 2016.
- Marija Miteva, PhD thesis, *Products of distributions in Colombeau algebra's*, Ss. Cyril and Methodius University in Skopje, 2017.
- Teuta Zenku, PhD thesis, *New results on convolution products of distributions*, Ss. Cyril and Methodius University in Skopje, 2018.
- Limonka Lazarova, MsC thesis: *Black-Scholes models and their application*, FEIT, Skopje, 2011.
- Nikola Mickovski, MsC thesis: *Analisis and modeling of financial parameters on electricity market*, FEIT, Skopje, 2018.

## *Attended Workshops and Conferences*

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1. "1<sup>st</sup> Congress of the Association of Mathematicians and Computer Scientists of Macedonia", October 3-5, 1996, Ohrid, Macedonia.  
talk: *Invariant non-homogeneous third order linear differential equations in respect to function substitution*
2. "6<sup>th</sup> Macedonian Symposium on Differential Equations", 1-3 October, 1988, Ohrid, Macedonia.  
talk: *Polynomial part of square root of  $\lambda$ -matrix*
3. "Equadiff 99", August 01-07, 1999, Berlin, Germany.  
talk: *Nonlinear matrix differential equations of Riccati type*
4. "Transform Methods and Special Functions, AUBG'99", 13-20 August, 1999, Blagoevgrad, Bulgaria.
5. "2<sup>nd</sup> Congress of the Association of Mathematicians and Computer Scientists of Macedonia", 28 September – 1 October, 2000, Ohrid, Macedonia.  
Talk: *On neutrix product  $f \circ g$*
6. "10<sup>th</sup> Congress of Yugoslav Mathematicians", 21-24 January, 2001, Belgrade, Yugoslavia.  
talk: *About cosine integral and its convolution products*
7. "Internationale Mathematische Arbeitstagung", 13-20 June, 2001, Bonn, Germany,.
8. A Workshop of the EU-Research and Training Network "Geometric Analysis", "Ellipticity and Parabolicity in Analysis and Geometry", 20-24 August, 2001, Potsdam, Germany.
9. "Workshop on Visualization and Verbalization of Mathematics and Interdisciplinary Aspects", December 14-15, 2001, Nish, Yugoslavia.
10. "Wavelets and Integral Transform" (with applications to signal analysis), April 10-13.2002 Novi Sad, Yugoslavia.
11. "Congrès de Mathématiques Appliquées à la mémoire de Jacques-Louis Lions", 1-5 July, 2002, Paris, France.
12. "7<sup>th</sup> Macedonian Symposium on Differential Equations", 26-29 September, 2002, Ohrid, Macedonia.  
talk: *About neutrix convolution product*
13. "5<sup>th</sup> International Symposium on Mathematical Analysis and Applications", 2-6 October, 2002, Niska Banja, Yugoslavia.  
talk: *On some neutrix convolution product*
14. "European Forum for Early Career Researchers", 6-7 May 2005, Otocec, Slovenia.  
talk: *On commutative neutrix convolution product of distributions involving slowly varying functions*
15. "Third Congress of the Mathematicians of Macedonia" Struga, Macedonia, 29.09-02.10.2005.  
talk: *A result on the composition of distributions;*  
talk: *On a class of nonlinear differential equations.*
16. "MAGT-International conference on Mathematical Analysis and Graph Theory" Sept.2006, Belgrade, Serbia.  
talk: *On differential equations with nonstandard coefficients,*
17. "ISAAC 2007", 13-18 August, 2007, Ankara, Turkey.  
talk: *On the dilogarithm integral and convolutions,*
18. "12<sup>th</sup> Serbian Mathematical Congress" Novi Sad, Serbia, August, 2008  
talk: *On the non-commutative neutrix product involving slowly varying functions,*
19. "Mathematical conference 85 years of prof. Blagoj Popov Life" Ohrid, Macedonia, September 2008  
talk: *Some results on convolutions,*
20. "MICOM 2009" September 2009, Ohrid, Macedonia  
talk: *On the composition of distributions  $x^{-s} \ln^m x$  and  $x^{-\mu}$*
21. "Geometric Function Theory and Applications'2010", Sofia, Bulgaria, August 27 – 31, 2010.

- talk: *On the digamma function.*
22. “Geometric Function Theory and Applications’2011”, Cluj–Napoca, Romania, September 3 – 9, 2011.  
talk: *Special function and neutrices.*
23. “Geometric Function Theory and Applications’2012”, Ohrid, R. Macedonia, August 27 – 31, 2012.  
talk: *Some results on Colombeau product of distributions*  
talk: *On the generalized Fresnel sine integrals and convolution*  
talk: *Further results on Colombeau product of distributions*
24. RIMS workshop, “Some inequalities concerned with the geometric function theory, Kyoto University, Japan, May 22-24, 2013.  
Invited talk: *Application of neutrix calculus to special functions*
25. “13<sup>th</sup> Serbian mathematical congress” Vrnjacka banja, Serbia, May 22-25, 2014.  
Talk: B. Jolevska-Tuneska: On composition of distributions  
Talk: B. Jolevska-Tuneska and T. Atanasova-Pacemska: Results on products of distributions.
26. “5–th Congress of Mathematicians of Macedonia”, Ohrid, Macedonia, September 24 – 27, 2014.  
Talk: B. Jolevska-Tuneska: Distributions, neutrix calculus and special functions.
27. “Pannonian Mathematical Modelling”, Novi Sad, Serbia, April 25 – 26, 2015.  
Talk: B. Jolevska-Tuneska: On neutrix composition of distributions.
28. “Geometric Function Theory and Applications’2015”, Ohrid, R. Macedonia, August 24 – 27, 2015.  
talk: *On the exponential integral and convolution*
29. “7ECM”, Berlin, Germany, July 18 – 22, 2016.  
talk: *Neutrix calculus applied in special functions*
30. “Mathematics: Applied 2016”, Ohrid, R. Macedonia, August 21 – 24, 2016.  
talk: *On the commutative neutrix convolution product of the dilogarithm integral*
31. “COST/IEEE-CASS Seasonal Training school in Fractal-Order Systems”, Brno, Czech Republic, November 24-26, 2016.
32. “Information Technology and development of education ITRO 2017” VIII International conference, held in Zrenjanin, 22 June, 2017.
33. “Transfom methods and special functions – TMSF 2017”, Sofia, Bulgaria, August 27-30, 2017.  
Talk: *Results on the exponential integral*
34. “Workshop on fractional calculus”, Skopje, May 10-11, 2018.  
Talk: *History of fractional calculus*
35. “Algebra and Analysis with Application”, Ohrid, July, 01-04, 2018.  
Talk: *MathDebate teaching method*
36. “International congress of Mathematicians”, *Riode Janeiro, August, 01-09, 2018*  
Talk: *Colombeau product of distributions*
37. “MathDebate Training course in Larnaka”, *Larnaka, Cyprus, September, 16-22, 2018*

## *Conferences Organized*

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- “Geometric Function Theory and Applications’2012”, Ohrid, R. Macedonia, August 27 – 31, 2012, international conference organized by Ss. Cyril and Methodius University in Skopje, member of the organizing board.
- “Geometric Function Theory and Applications’2015”, Ohrid, R. Macedonia, August 24 – 27, 2015, international conference organized by Ss. Cyril and Methodius University in Skopje, member of the scientific board and member of organizing board.
- “Mathematics: Applied 2016”, Ohrid, R. Macedonia, August 21 – 24, 2016, international conference organized by Union of researchers of Macedonia, member of the scientific board and member of organizing board.
- “Industrial workshop: Why we need mathematics? – Application of mathematics in industrial problems in Macedonia” held on 26 April 2017 at the Faculty of Electrical Engineering and Information Technologies, Ss. Cyril and Methodius University in Skopje, Republic of Macedonia In the framework of COST Action TD1409: Mathematics for Industry Network, member of the organizing board.
- “Workshop on fractional calculus” held on 10-11 May 2018 at the Faculty of Mechanical Engineering, Ss. Cyril and Methodius University in Skopje, Republic of Macedonia In the framework of COST Action CA15225: Mathematics for Industry Network, member of the scientific and organizing board.
- “Algebra and Analysis with Application”, Ohrid, R. Macedonia, June 01 – 04, 2018, international conference organized by Union of researchers of Macedonia, member of the scientific board and member of organizing board.
- Multiplier event in the framework of the Erasmus plus project: “MATHDebate - the Voice of Students – Searching Excellence in Math Education through Increasing the Motivation for Learning” Ref. number: 2016-1-MK01-KA201-021659 held on 03.07.2018 in Ohrid, Macedonia.

## *Courses Taught*

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Teaching, supervision and conducting exams for the following undergraduate courses – first cycle:

- “Mathematics 1”, 1996– present.
- “Mathematics 2”, 1996– present.
- “Mathematics” 2004-2010.
- “Numerical methods for engineering” 2006-2007.
- “Statistical analysis”2005-2008
- “Numerical methods” 2008-present
- “Mathematics 4”, 2012– 2013
- “Mathematics methods for engineering 1”, 2011– 2015.
- “Mathematics methods for engineering 2”, 2012.-2015
- “Mathematics 3”, 2013– present
- “Statistics” 2012-2014
- “Linear transformations” 2011-2015

Teaching, supervision and conducting exams for the following graduate courses – second cycle:



- Applied and Abstract Algebra, 2008-present
- Stochastic Differential Equations, 2008-present
- Numerical Solutions of Stochastic Differential Equations, 2008-2012
- Modeling with differential equations, 2008-2012
- Selected parts of analysis, 2013-present
- Financial and Actuarial Mathematics, 2013-present
- Financial modeling, 2013-2016
- Partial differential equations with application in engineering and finance, 2013-2016

Teaching, supervision and conducting exams for the following courses at the School of Doctoral Studies at Ss. Cyril and Methodius University in Skopje – third cycle:

- Functional analysis, 2013-present

### ***Books***

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- “Differential calculus” joint book with Nikola Tuneski, University school book published by Ss. Cyril and Methodius University in Skopje in 2011.
- “Integral calculus” joint book with Nikola Tuneski, University school book published by Ss. Cyril and Methodius University in Skopje in 2011.
- “An introduction to mathematics for engineers” Biljana Jolevska-Tuneska et al, University school book published by Ss. Cyril and Methodius University in Skopje in 2017.
- “Analysis of math teaching methodology” Biljana Jolevska-Tuneska et al, book published by University Goce Delcev in Stip in 2017, in the framework of the Erasmus plus project 2016-1-MK01-KA201-021659
- “Guidebook for MATHDebate methodology” Biljana Jolevska-Tuneska et al, book published by University Goce Delcev in Stip in 2018, in the framework of the Erasmus plus project 2016-1-MK01-KA201-021659
- “Tutorial for using MATHDebate e-platform-1” Biljana Jolevska-Tuneska et al, book published by University Goce Delcev in Stip in 2018, in the framework of the Erasmus plus project 2016-1-MK01-KA201-021659
- “Tutorial for using MATHDebate e-platform-2” Biljana Jolevska-Tuneska et al, book published by University Goce Delcev in Stip in 2018, in the framework of the Erasmus plus project 2016-1-MK01-KA201-021659
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### ***Awards of Recognition or Merit***

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1. Best Rank Award from the Dean of the Faculty of Sciences, University of Skopje, for having graduated with the highest GPA in class.
2. Goce Delcev, highest national prize for Science, received in 2014.

## ***Honors and scholarships***

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1. Scholarship from the Ministry of Education and Science of Macedonia for outstanding pupils, 1986-1990
2. Scholarship from the Ministry of Education and Science of Macedonia for outstanding students, 1991-1995.
3. Special Awards and Certificates of Merit for successful participation on regional, national and state competitions in Mathematics, Computer Science and Physics, 1984-1991.
4. Awarded "QBE" - Skopje sponsorship for participation on the conference Equadiff 99, August 01-07,1999, Berlin, Germany.
5. Grant from Max-Plank Institute fur Mathematics, Bon, Germany for participation on "Internationale Mathematische Arbeitstagung", 13-20 June, 2001.
6. Grant from DAAD for participation on "Workshop on Visualization and Verbalization of Mathematics and Interdisciplinary Aspects", December 14-15, 2001, Nish, Yugoslavia.
7. Grant from DAAD for participation on "Wavelets and Integral Transform" (with applications to signal analysis), April 10-13.2002 Novi Sad, Yugoslavia.
8. Tempus Individual mobility grant, financed by European Commission, to the College of North European Studies, Larissa, Greece, from 03/01/2005 to 13/02/2005.
9. Grant from Slovenia Science foundation for participation on "European Forum for Early Career Researchers", 6-7 May 2005, Otocec, Slovenia.
10. Grant from Max-Plank Institute fur Mathematics, Bon, Germany for participation on "Internationale Mathematische Arbeitstagung", 21-28 June, 2007.

## ***Memberships***

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- President of the Union of researchers of Macedonia.
- Member of the Society of Mathematicians of Macedonia.
- Member of the Master Thesis Defend Board of the Faculty of Electrical Engineering and Informational Technologies, Skopje, Macedonia.
- Member of the Teaching and Scientific Council of the Faculty of Electrical Engineering and Informational Technologies, Skopje, Macedonia.

## ***Technical Skills***

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- Math Lab, Mathematica
- LaTeX, Microsoft Office: Word and Excel

## ***Foreign Languages***

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- English: Excellent written and verbal communication skills.
- Serbian, Croatian: Excellent written and verbal communication skills.
- French Reading knowledge
- other Slavic languages: Reading knowledge.  
(Russian, Bulgarian, Slovenian)
- Macedonian: Native language.