



UNIVERSITY OF PÉCS  
Faculty of Business and Economics

# PROF. DR. TAMÁS SEBESTYÉN

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**Nationality:** Hungarian

**Date of birth:** 28.09.1980

**Sex:** male

**Workplace:** University of Pécs Faculty of Business and Economics (UPFBE), Department of Economics and Econometrics

**Job position:** professor, head of department, director of research

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## EDUCATION AND TRAINING

### Habilitation

2017

University of Pécs, Faculty of Business and Economics

### PhD degree

2011

University of Pécs, Faculty of Business and Economics, PhD Program in Business Administration

### MSc in Economics, specialization in financial assets and institutions

2004

University of Pécs, Faculty of Business and Economics

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## LANGUAGE SKILLS

	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Spanish	B2	B2	B1	B1	B1
German	A1	A1	A1	A1	A1

### Language exams:

Intermediate level complex (written and spoken) language exam in business English, 2002.

Intermediate level complex (written and spoken) language exam in business Spanish, 2004.

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## AWARDS AND ACHIEVEMENTS

### **Béla Krekó Prize, 2024**

The prize is awarded by the Association for Economic Modelling to colleagues in the field of economic modelling who have achieved outstanding results in the Hungarian professional community and contributed to the Association significantly with their work

### **Teacher of the year Award, Management and Leadership Program, 2024**

The award of the Faculty of Economics of the University of Pécs is given to the instructor with the highest score in the Faculty's English language programmes, based on student evaluations.

### **Partner Stewardship Award in Research Collaboration, 2019**

Awarded by Ohio University (USA) in recognition of work in promoting research collaboration.

### **Golden Cathedral Award, 2017**

Awarded by the University of Pécs in recognition of high quality teaching performance, based on student feedback.

### **Teacher of the College Award, 2015**

Award of the Janus Pannonius College for Advanced Studies of the University of Pécs, presented each year to the most outstanding teacher for their work at the College, based on student feedback.

### **Best paper award, OTDK, 2005**

Awarded in recognition of the best paper presented in the doctoral section of the 27th National Scientific Competition for University Students, Economic Section for PhD Students.

### **First prize: Together for Future Jobs Scientific Competition, 2004**

Scientific competition organized by the Together for Future Jobs Foundation

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## WORK EXPERIENCE

**Head of department | University of Pécs Faculty of Business and Economics, Department of Economics and Econometrics**  
since 2023

Managing teaching activities of the Department, personnel policy, research organization

**Full professor | University of Pécs Faculty of Business and Economics, Department of Economics and Econometrics**  
since 2022

Teaching, research organization

**Director of research | University of Pécs Faculty of Business and Economics**  
since 2018

Research-and science management, monitoring of faculty scientific performance, organizing scientific and research-related events and networks

**Associate professor | University of Pécs Faculty of Business and Economics, Department of Economics and Econometrics**  
2018-2022

Teaching, research organization

**Research fellow | MTA-PTE Innovation and Economic Growth Research Group**  
2012-2022

Research, research management

**Research advisor tot he Dean | University of Pécs Faculty of Business and Economics**  
2015-2018

Research-and science management, monitoring of faculty scientific performance, organizing scientific and research-related events and networks

**Operative program leader | University of Pécs Faculty of Business and Economics, Economic Analyst MSc Program**  
2018-2022

Education management, design and execution of study programs and plans, communication with the students of the program

**Assistant professor | University of Pécs Faculty of Business and Economics, Department of Economics and Econometrics**  
2012-2018

Teaching, research

**Assistant lecturer | University of Pécs Faculty of Business and Economics, Department of Economic and Regional Studies**  
2007-2012

Teaching, research

**Full time PhD student | University of Pécs Faculty of Business and Economics**  
2004-2007

Research

**Contracted analyst | National Development Office**  
2005-2008

Research and data analysis

**SME credit analyst | Kereskedelmi és Hitelbank Zrt.**  
2004

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## TEACHING EXPERIENCE

Course name	Level	Language	Course Leader (Y/N)	Own course development(Y/N)	Joint course development (Y/N)
Haladó közgazdaságtan ( <i>Advanced Economics</i> )	PhD	Hungarian	Y	Y	N
Advanced Economics	PhD	English	Y	Y	N
Hálózatelemzés ( <i>Network Analysis</i> )	PhD	Hungarian	Y	Y	N
Innovation and Network Analysis	PhD	English	Y	Y	N
Gazdaságpolitika makroszemléletben ( <i>Economic Policy in Macroeconomic Perspective</i> )	PhD	Hungarian	Y	N	Y
Regionális gazdaságtan ( <i>Regional Economics</i> )	PhD	Hungarian	N	N	Y
Regional Economics	PhD	English	N	N	Y
Economics	MSc	English	Y	Y	N
Vállalkozások mikro- és makrokörnyezete ( <i>Micro- and Macroeconomic Environment of Enterprises</i> )	MSc	Hungarian	Y	Y	N
Közgazdaságtan ( <i>Economics</i> )	MSc	Hungarian	Y	N	Y
Theories and Practice of Innovation	MSc	English	Y	N	Y
Innováció és technológiai fejlődés ( <i>Innovation and Technological Development</i> )	MSc	Hungarian	N	N	Y
Innovation and innovation management	MSc	English	N	N	Y
Dinamikus gazdaságmodellezés ( <i>Dynamic Economic Modelling</i> )	MSc	Hungarian	Y	Y	N
Szimuláció és modellezés ( <i>Simulation and Modelling</i> )	MSc	Hungarian	N	N	Y
Nemzetközi gazdaságtan ( <i>International Economics</i> )	BSc	Hungarian	Y	N	Y
International Economics	BSc	Hungarian	Y	Y	N
Macroeconomics	BSc	English	Y	Y	N

Makroökonómia gyakorlat ( <i>Macroeconomics Practice</i> )	BSc	Hungarian	N	Y	N
Nemzetközi munkamegosztás és integráció ( <i>International division of labor and specialization</i> )	BSc	Hungarian	Y	Y	N
Tudásgazdaságtan ( <i>Knowledge Economics</i> )	BSc	Hungarian	Y	Y	N
Gazdasági hálózatok ( <i>Economic Networks</i> )	BSc	Hungarian	Y	N	Y
Makrogazdasági szimulációk ( <i>Macroeconomic Simulations</i> )	BSc	Hungarian	Y	Y	N
Bevezetés a közgazdaságtanba ( <i>Introduction to Economics</i> )	VOC	Hungarian	Y	Y	N
Devizaügyletek ( <i>FX transactions</i> )	VOC	Hungarian	Y	Y	N
Nemzetközi pénzügyek lebonyolítása ( <i>International financial transactions</i> )	VOC	Hungarian	Y	Y	N



## THE WORLD OF PRACTICE

Corporate projects			
Name	Date	Role	Responsibilities
<b>National Research, Development and Innovation Office</b> Contributing to the design and analysis of the interim monitoring report of the national smart specialization policy (2021-2027)	2023-2024	Project leader, UPFBE	Preparation of data analysis and partial reports for the National Research, Development and Innovation Office for the S3 monitoring report of the 2021-2027 programming cycle. Scenario analysis by area and priority using the GMR model on the data of the projects included in the monitoring.
<b>National Research, Development and Innovation Office</b> Contributing to the design and analysis of the closing monitoring report of the national smart specialization policy (2013-2020)	2022-2023	Project leader, UPFBE	Preparation of data analysis and documentation for the National Research, Development and Innovation Office for the S3 monitoring report of the 2014-2020 development policy planning cycle.
<b>National Research, Development and Innovation Office</b> Contributing to the development of the monitoring and evaluation system of the national smart specialization policy (2021-2027)	2021-2022	Project leader, UPFBE	Concept development and analysis for the National Research, Development and Innovation Office for the S3 monitoring and evaluation activities for the 2021-2027 development policy planning cycle.
<b>BGI Consulting (Lithuania)</b> Building analytical capacity of the national productivity board	2020-2021	Project leader, UPFBE	Providing model development and analysis services to BGI Consulting (Lithuania) for the macroeconomic QUESTIII modeling of Lithuanian R&D, export and digitalization reforms.
<b>National Research, Development and Innovation Office</b> County level analysis for the design of the national smart specialization policy (2021-2027)	2020	Project participant, UPFBE	Conducting sectoral and county impact analyses for the National Research, Development and Innovation Office using the GMR-Hungary model in the context of the prioritization process of the Smart Specialization Strategy.
<b>Municipality of Mór City</b> Financial advice, investment management	2008-2009	Project participant, MSB Zrt	Participating in advisory work on investment portfolio, participate in negotiations, develop, install and support the use of analytical software.

Memberships			
Name	Date	Role	Responsibilities
Hungarian Academy of Sciences Committee of Regional Sciences	2017-2023	Secretary	Operational support for the agenda of the Committee and the Bureau, active participation in the organisation of events and the preparation of reports
Hungarian Society of Economics	2015-2016, 2020-2021	Member of the presidential board	Strategic management of the Company, operational matters. Organising the annual conference of the Society, organising and running the MKE Doctoral Workshop in Pécs
Hungarian Academy of Sciences Committee of Regional Sciences Subcommittee of Regional Innovation	2012-2017	Secretary	Operational support for the agenda of the Committee's Bureau, active participation in the organisation of events and the preparation of reports

Hungarian Academy of Sciences Committee of Regional Sciences	2017-	Elected member	The Committee, which is made up of elected members of the MTA's public body, decides on academic doctoral matters in the field of regional sciences, shapes the conditions for the award of doctorates and plays a key role in the organisation of the field in its home country.
Hungarian Society of Economics	2010-	Member	
Society for Economic Modelling	2010-	Member	
Hungarian Regional Science Association	2014-	Member	
Regional Studies Association	2012-	Member	
European Regional Studies Association	2012-	Member	

Media and professional event contribution	
Name	Date
Az "összeszerelő üzem" problémái: a magyar beszállítói hálózat hiánya és az erős külföldi függőségek, <a href="http://portfolio.hu">portfolio.hu</a> (The problems of the "assembly plant": the lack of a Hungarian supplier network and strong foreign dependencies)	2021.03.11.
A gazdaságunk fejlettsége is múlik a kutatási intézményeken: hogy áll Magyarország? <a href="http://portfolio.hu">portfolio.hu</a> (The development of our economy also depends on research institutions: how is Hungary doing?)	2021.07.25.
A magyar gazdaság gyenge pontja: erős nyitottság, gyenge hazai beszállítói hálózattal, <a href="http://portfolio.hu">portfolio.hu</a> (The weakness of the Hungarian economy: strong openness with a weak domestic supplier network)	2021.10.07.
Hálózatok gazdasága. A válságok és a gazdaság mindennapi kapcsolatainkon keresztül. <a href="#">PTE Open University Lecture</a> (Economy of networks. Crises and the economy through our everyday connections)	2015.05.05.

## TEACHING MATERIAL

Sebestyén Tamás: Dinamikus makroökonómiai Modellezés. Bevezetés a DSGE modellek világába. (Dynamic Macroeconomic Modelling. Introduction to the World of DSGE models.) University textbook, UPFBE, 2016.

Sebestyén Tamás: Makroökonómiai gyakorlatok. (Macroeconomic Exercises.) Practicebook, UPFBE, 2009.

Sebestyén Tamás: A közgazdaságtan alapjai. (Principles of Economics.) Textbook for the paralegal students, UP Faculty of Law, 2009.

Sebestyén Tamás: Nemzetközi gazdaságtan. (International Economics). Study notes for the students of the vocational training, UPFBE, 2005.

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## PUBLICATION HIGHLIGHTS

**Sebestyén, T., Varga, A. | 2013 | Annals of Regional Science, 51(1), 155-189.**  
RESEARCH PRODUCTIVITY AND THE QUALITY OF INTERREGIONAL KNOWLEDGE NETWORKS

**Varga, A., Sebestyén, T., Szabó, N., Szerb, L. | 2020 | Regional Studies, 51(1), 48-49.**  
ESTIMATING THE ECONOMIC IMPACTS OF KNOWLEDGE NETWORK AND ENTREPRENEURSHIP DEVELOPMENT IN SMART SPECIALIZATION POLICY

**Kiss, T., Braun E., Sebestyén, T. | 2025 | Structural Change and Economic Dynamics, 72, 11-28.**  
PRODUCTION NETWORK STRUCTURE, SPECIALIZATION AND UNEMPLOYMENT: MEASURING THE STRUCTURAL RESILIENCE OF NATIONAL ECONOMIES

The detailed list of publications is available in the Hungarian Scientific Bibliography at:

[Publications in MTMT](#) (10015820)  
[ORCID](#) (0000-0002-5596-0151)

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## FURTHER SKILLS AND COMPETENCIES

### Communication skills

- Good presentation skills acquired through more than 15 years of lecturing and education
- Good skills in argumentation and dispute acquired through more than 15 years of scientific research and discussion

### Organisational / managerial skills

- Leadership skills (managing a master level educational program of 10-15 students and faculty, managing the joint work of 3-4 research assistants and senior researchers under various research and applied projects)
- Coordination and management (being responsible for research events and research evaluation for 10 years)
- System building (setting up managerial and information systems in support and monitoring of research activities and research evaluation)
- Mentoring (leading the work of more than 10 PhD students from which 5 already obtained their degrees)

### Job-related skills

- Efficient task-management and scheduling acquired through the setup and execution of several research projects
- Good analytic skills acquired through research activities over the past 15 years
- Efficient presentation and argumentation skills acquired through educating university students

### Digital skills

- Advanced user of Microsoft Office tools – used in daily work
- Using Visual Basic in Excel – used in daily work
- Using Matlab – used in daily work
- Using Dynare – used in several research projects
- Good user skills in AnyLogic – used in several research projects
- Basic knowledge of GAMS – used in some research projects