

Personal and professional data sheet

Name: Dr. Kovács Sándor	Name at birth: Kovács Sándor
College or university degree and qualification, issuer and year of the diploma	
<i>Mathematics Teacher, University of Debrecen, Faculty of Natural Sciences (2001)</i> <i>Financial Expert, Business College of Budapest (2003)</i>	
Current workplace(s), position(s) listed in the appointment, in case of multiple workplaces, <u>underline</u> the institution you have a "declaration of exclusivity" (accreditation) with.	
<i>University of Debrecen, Faculty of Economics and Business, Institute of Statistics and Methodology, Department of Financial and Economical Mathematics, head of department, docent</i>	
Scientific degree (PhD, Csc, DLA) (in case of a recent PhD/DLA (i.e. within 5 years) add the title of the dissertation as well) or Academy of Sciences/Arts title/membership ("dr. habil" title, doctor of the Hungarian Academy of Sciences (DSc) title; by indicating the discipline and the date), other titles	
<i>PhD (management and business administration) 2009</i> <i>dr. habil. title (management and business administration) 2015</i>	
Educational activity so far	
<ul style="list-style-type: none"> - <i>Years spent in education: 18 years; Experience in foreign education: 8 years;</i> - <i>Educated subjects in Hungarian language: Economical Mathematics (Agricultural and Rural Development Engineers), Applied Mathematics (Agronomist), Mathematics (Environmental Protection Engineer, Wildlife Management Engineer, Agricultural Engineer, Horticultural Engineer), Economical Mathematics (Economic Agrarian Engineer), Mathematics I. (Environmental Management Engineer, Animal Husbandry Engineer, Plant Cultivation Engineer, Matematics and Informatics I (Food Safety and Quality Engineer).</i> - <i>Foreign language education: Mathematics I-II., Business Mathematics</i> - <i>Elaboration of course descriptions of new subjects and their introduction to education: Business Mathematics</i> - <i>Consultant: Diploma and thesis: 17, scientific theses: 5, scientific national conference: 2 fő;</i> - <i>Functions in the Doctoral Education: University of Debrecen, Károly Ihrig Doctoral School, supervisor;</i> - <i>Graduated PhD Students under his supervisorship: 1; ongoing supervisorships: 2</i> 	
Relationship between the professional/research activity of the tutor and the course(s) to be taught	
<p>a) publications in the (specific) <u>professional area</u> (at most 5 typical publications)</p> <ul style="list-style-type: none"> - Kovács, S. – Rabbi, M.F., Máté, D. (2021): Global Food Security, Economic and Health Risk Assessment of the COVID-19 Epidemic, <i>Mathematics</i> 9(19), pp.1-16, p. 2398 Q2 - Gere, A. – Héberger, K. – Kovács, S. (2021): How to predict choice using eye-movements data?, <i>Food Research International</i> 143, p. 1103309, D1 - Gere, A. – Danner, L. – Dürrschmid, K. – Kókai, Z. – Sipos, L. – Huzsvai, L. – Kovács, S. (2020): Structure of presented stimuli influences gazing behavior and choice, <i>Food Quality of Preference</i> 83(1), p. 103915 Q1 - Laszló, S. – Márta, L. – Gere, A. – Kovács, S. (2017): Panel Performance Monitoring by Poincaré Plot: a case study of flavoured bottled waters, <i>Food Research International</i> 99(1), p. 198-205, D1 - Csambalik, L. – Divéky-Ertsey, A. – Pusztai, P. – Boros, F. – Orbán, Cs. – Kovács, S. – Gere, A. – Sipos, L. (2017): Multi-perspective evaluation of phytonutrients – Case study on Tomato landraces for fresh consumption. <i>Journal of Functional Foods</i> 33 pp. 211-116. D1 <p>b) further scientific research, development, creative or artistic achievements</p> <ul style="list-style-type: none"> • <i>Research area: During the past 18 years spent in the scientific field the most important research areas were multivariate mathematical methods in risk analysis, multiblock methods applied in food security</i> 	

and other economic areas, consumer sensory studies, analyses with eye-tracking camera, ranking and multicriteria decision making

- *participation in project connected to education:* TÁMOP-4.1.1.F-13/1-2013-0004, Work-based knowledge in Education of the University of Debrecen (MUNDO), EFOP-3.4.3-16-2016-00021 Development of the University of Debrecen for improving the quality of higher education, TÁMOP 4.1.1.C-2012/1/KONV-2012-0012, Green Energy Cooperation in Higher Education (ZENFE), TÁMOP 4.1.1/08/1 -20090003 (VIR-DPR)
- *participation in scientific projects:* TÁMOP-4.1.2.A/1-11/1-2011-0029; RÚraljobs EU 7 (211605) Framework Programme; OTKA-48562; OTKA-46357; OTKA-46397, TÁMOP-4.1.1.C-12/1/KONV-2012-0014, TÁMOP-4.2.6-15/1-2015-0001
- *Number of publication:* 197, to which there were 603 independent references. Total number of *scientific* publications: 192, out of which he wrote 98 journal articles: 51 were published in an international journal, 20 were published in English language in a domestic scientific journal and 27 were published in Hungarian language in a domestic scientific journal). The number of publications related to education is 3 (book or book chapter). The Hirsch index is 13. Total cumulative impact factor of the publications is 108.

MTMT lista: <https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=10015188>

c) professional expertise, experience, certifiable reputation

- *Research scholarships:* 2017-2018 New National Excellence Program, young researcher, educator ÚNKP-17-4;
2019-2020 New National Excellence Program, young researcher, educator, ÚNKP-19-4;
2020-2021 New National Excellence Program, young researcher, educator, ÚNKP-20-5;
2021-2022 New National Excellence Program, young researcher, educator, ÚNKP-21-5;
2019-2022 Bolyai János research scholarship,
- *Participation in scientific professional committees and corporations:* Hungarian Academy of Science member of the public body, IV. class (2009-)
Hungarian Agroeconomic Association, member (2018-).
- *Participation in educational committees and societies:* Hungarian Statistical Society, Educational Committee, member (2005-);
- *Participation in other university committees and colleges:* Academic Committee of Debrecen, Agricultural and Agroeconomic Committee, member (2010-);
- *Participation in editorial boards of Scientific Journals:* *Applied Studies in Agriculture*, editorial board member (2012-), *Mathematics journal*, Guest Editor (2021-), *The Hungarian Journal of Nutrition Marketing*, editorial board member (2014-), *Journal of Economics and Modern Business*, editorial board member (2010-2019), *Pressburg Economic Review*, szerkesztőbizottsági tag (2021-)
- *Accomplishments and prizes related to education:* Excellent Scientific leader/supervisor, DE GTK (2020); certification of the Rector, DE (2016); certification of the Dean, DE GTK (2008); Pro Scientiis Oeconomicae Prize, DE GTK (2014); Certification of the Dean, DE GTK (2008);