

CURRICULUM VITAE

Name and Surname: Aysel Şen Zeytun

Date of Birth: 01.04.1981

Place of Birth: Ankara

Academic Title: Doctorate

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Foreing Languages: English (96,25 - KPDS 2012)

Certificates:

ERASMUS Staff Mobility Programme: 25-29 May 2015 Lizbon University Institute of Education, 12 hours lectures and seminars given.

Research Area: Matematics Education

Degree	Department/Programme	University	Year
Bachelor	Mathematics	Ankara University	2005
Master	Secondary Science and Mathematics Education-Mathematics Education	Gazi University	2007
Doctorate	Secondary Science and Mathematics Education-Mathematics Education	Middle East Technical University	2013

Doctorate Thesis/Proficiency in Art/Thesis in Medicine Title (summary at appendix) and thesis advisor(s):

Şen Zeytun, A. (2013). An Investigation of Prospective Teachers' Mathematical Modelling Processes and Their Views About Factors Affecting These Processes (Unpublished Doctoral Thesis), Middle East Technical University, Ankara.

Academic Appointments:

Title	University	Year
Assist Prof. Dr.	Maltepe University	2018-
Assist Prof. Dr.	Istanbul Aydın University	2013-2018

Coordinator	Koç University – Office of Learning and Teaching	09.2012-11.2012
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Master Theses Supervised:

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Doctorate Theses/ Proficiencies in Art Supervised:

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Projects directed and participated:

Turkish Scientific and Technical Research Institute (Tübitak) SOBAG 110K250 Fellowship Researcher (11.2009-10.2011) Mathematical Modelling in Secondary Education: Prospective and Inservice Teacher Education

İstanbul Aydın University Scientific Research Project: (January 2016-2018) Director: Pre-service Elementary Teachers' Skills of Using Hands on Materials in Teaching Mathematics

Administrative Duties:

İstanbul Aydın University Faculty of Education Elementary Mathematics Education- Head of Department (June 2015 - October 2016)

Membership in scholarly institutions:

Awards:

TÜBİTAK, 2211 Scholarship for Graduate Studies (2007-2012)
TÜBİTAK, 2224 Scholarship for Participating International Scientific Events (2009)

Courses (over the last two academic year)

Akademic Year	Semester	Course Name	Weekly Course Hours		Number of Students
			Theoric	Practice	
2018-2019	Fall	İMOP 101 Fundamentals of Mathematics I	2		40
		İMÖ 303 Special Teaching Methods I	2	2	20
		İMÖ 110 Introduction to Mathematics Education	2		10
		İMÖ 211 Mathematical Modelling	2		9
		İMÖP 201 Mathematics Learning and Teaching Methods	2		10
		ÜZE 302 Teaching Mathematis I	2		2
	Spring	İMÖP 102 Fundamentals of Mathematics II	2		19
		İMÖP 202 Elementary Mathematics Education Programmes	2		9
		İMÖ 214 Instructional Technologies and Material Development	4		8

		İMÖ 304 Special Teaching Methods II	2	2	21
		İMÖP 404 Mathematical Modelling in Mathematics Education	2		5
		ÜZE 308 Mathematics Teaching II	2		4
2019-2020	Fall	İMOP 101 Fundamentals of Mathematics I	2		45
		IMO 211 Mathematical Modelling	2		6
		İMOP 303 Geometry and Measurement Education	3		20
		İMOP 457 Material Development in Mathematics Education	2		29
	Spring				

Publications

A. Articles published in peer reviewed international journals (SCI, SSCI Arts and Humanities)

A1. Şen Zeytun, A., Çetinkaya, B., & Erbaş, A. K. (2017). Understanding prospective teachers' mathematical modeling processes in the context of a mathematical modeling course, *Eurasia Journal of Mathematics Science and Technology Education*, 13(3), 691-722.

A2. Şen, A., Çetinkaya, B., & Erbaş, A. K. (2010). Mathematics Teachers' Covariational Reasoning Levels and Predictions about Students' Covariational Reasoning Abilities, *Educational Sciences: Theory & Practice*, 10(3), 1601-1612.

B. Articles published in other peer reviewed international journals

B1. Çetinkaya, B., Şen, A. & Baş, S. (2008). Integrating Mathematical Modelling and Technology in Teaching and Learning Mathematics. VIII. International Educational Technology Conference, *IETC 2008 Proceedings*, 241-246.

C. Books and sections in books published internationally/nationally

C1. Books published internationally/nationally

C1.1. Ayhan Kürşat ERBAŞ, Bülent CETİNKAYA, Cengiz ALACACI, Erdiñ ÇAKIROĞLU, Arzu AYDOĞAN YENMEZ, **Aysel ŞEN ZEYTUN**, Himmət KORKMAZ, Mahmut KERTİL, Makbule Gözde DİDİŞ, Sinem BAŞ, Zülal ŞAHİN: (2016) Lise Matematik Konuları için Günlük Hayattan Modelleme Soruları, Turkish Academy of Sciences, , ISBN: 978-9944-252-75-1

C2. Book sections published internationally/nationally:

C2.1.

D. Articles published in peer reviewed national journals:

D1.

E. Papers delivered at national conferences and printed as proceedings:

E1.

F. Art and design activities

F1.

G. Other publications:

G1. Şen-Zeytun, A., Çetinkaya, B., Erbaş, A. K. (2014). How Do Prospective Teachers Develop Mathematical Models? A Case of "Who Wants to be a Millionaire" Activity, 06-08 June, ERPA International Congress on Science and Mathematics Education, İstanbul University, İstanbul, Turkey.

G2. Şen-Zeytun, A, Çetinkaya, B. (2011). Understanding Pre-Service Mathematics Teachers' Difficulties in Constructing A Mathematical Model, 10-15 July, 35th Conference of the International Group for the Psychology of Mathematics Education (PME), Middle East Technical University, Ankara, Turkey. (p.387)

G3. Arzu Aydoğan Yenmez, Erbaş, A. K., Çetinkaya, B., **Şen-Zeytun, A.** (2011). Gerçekten Kanser mi Değil mi? 8. *Eğitimde İyi Örnekler Konferansı*, Sabancı University, İstanbul, Turkey.(p. 38-39)

G4. Şen-Zeytun, A., Çetinkaya, B., Yıldırım, U., Erbaş, A. K. (2009). Pre-service Physics Teachers' Difficulties in Constructing Mathematical Models of Simple Harmonic Motion, 26-30 July, XIV. *International Conferance on the Teaching of Mathematical Modelling and Applications*, University of Hamburg, Germany. (p.81)
http://www.ictma14.de/media/files/ICTMA14_Abstracts_FINAL.pdf