

CURRICULUM VITAE

NAME SURNAME	FATMA RİZANER
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EDUCATION			
Bachelor Degree			
<i>Institution</i>	<i>Years Attended</i>	<i>Degree</i>	<i>Major Field</i>
Eastern Mediterranean University, Famagusta, Cyprus	1996 – 2000	B.S.	Differential Equations
M.Sc. Degree			
<i>Institution</i>	<i>Years Attended</i>	<i>Degree</i>	<i>Major Field</i>
Eastern Mediterranean University, Famagusta, Cyprus	2000 – 2002	M.S.	Differential Equations
PhD. Degree			
<i>Institution</i>	<i>Years Attended</i>	<i>Degree</i>	<i>Major Field</i>
Eastern Mediterranean University, Famagusta, Cyprus	2005 – 2012	Ph. D.	Biological Differential Equations

TEACHING POSITIONS AND RANKS HELD			
<i>Institution</i>	<i>Rank</i>	<i>Date</i>	<i>Major Subject</i>
EMU	Research and Teaching Assistant	2000 – 2002	Mathematics
EMU	Part time Instructor	2002 – 2008	Mathematics
EMU	Research and Teaching Assistant	2008 –2012	Mathematics
EMU	Part time Instructor	2012-present	Mathematics

TEACHING EFFECTIVENESS	
<i>Courses Taught</i>	
<i>Course Code</i>	<i>Course Title</i>
MATE107	Basic Mathematics
MATE109	Basic Mathematics
MATE117	Mathematics for Electronic Technician
MATE122	Basic Mathematics
MATE135	Basic Mathematics for Health Sciences
MATE152	Calculus II
MATE153	Mathematics for Business and Economics
MATE165	Mathematics I
MATE167	Mathematics for Arts and Social Science
MATE211	Biostatistics

MATE217	Linear Algebra I
MATE218	Linear Algebra II
MATE220	Linear Algebra II
MATE228	Introduction to Statistics
MATE241	Linear Algebra and Ordinary Differential Equations
MATH103	Mathematics for Business and Economics I
MATH104	Mathematics for Business and Economics II
MATH105	Mathematics for Arts and Social Sciences
MATH106	Linear Algebra
MATH113	Logic and Basic Mathematics
MATH115	Fundamental Mathematics
MATH133	Basic Mathematics
MATH151	Calculus I
MATH155	Mathematics
MATH163	Discrete Mathematics
MATH191	Mathematics and Geometry for Designers
MATH207	Differential Equations
MATH211	Introduction to Statistics
MATH212	Biostatistics
MATH241	Linear Algebra and Ordinary Differential Equations
MATH373	Numerical Analysis for Engineers

Courses taught at the undergraduate and graduate levels in the last two semesters are presented in the table below.

Academic year	Semester	Course Title	Weekly Hours		Group Number and Number of students
2024/25	Spring	Math106, Linear Algebra	3	1	Gr2, 58
		Math212, Biostatistics	3	1	Gr2, 60
		Math103, Mathematics for Business and Economics I	3	1	Gr2, 64
		Math104, Mathematics for Business and Economics II	3	1	Gr2, 43
		Math373, Numerical Analysis for Engineers	3	1	Gr3, 46
2025/2026	Fall	Mate107, Mathematics	3	1	Gr1, 40
		Mate211, Biostatistics	2	2	Gr3, 32
		Math103, Mathematics for Business and Economics I	3	1	Gr1, 70
		Math133, Basic Mathematics	3	1	Gr2, 55
		Math155, Mathematics	3	1	Gr2, 40
		Math373, Numerical Analysis for Engineers	3	1	Gr3, 41

Publications

International Journal Papers Indexed in SCI and SCI-Expanded List (2 items)

1. Fatma Bayramođlu Rizer and Svitlana P. Rogovchenko, "Dynamics of a single species under periodic habitat fluctuations and Allee effect", *Nonlinear Analysis Real World Applications*, 13(1): 141-157 (2012).
2. Fatma B. Rizer and Ahmet Rizer, "Approximate Solutions of Initial Value Problems for Ordinary Differential Equations Using Radial Basis Function Networks", *Neural Processing Letters*, 48: 1063–1071 (2018), doi:10.1007/s11063-017-9761-9.

Other Journals Publications (1 item)

1. Fatma Bayramođlu Rizer and Svitlana P. Rogovchenko, "Harvesting in a Periodic Habitat with Allee Effect", *International Journals of Applied Physics and Mathematics (IJAPM)*, 2(3): 175-178 (2012).

National Conferences (2 items)

1. Fatma Bayramođlu Rizer and Svitlana P. Rogovchenko. "Dynamics of a single species under periodic habitat fluctuation with harvesting and Allee Effect." *International Conference on Applied Mathematics and Approximation Theory, AMAD 2012, Ankara, Turkey (2012), May.*
2. Aygıl Takır, Fatma Bayramođlu Rizer and Begüm Çubukcuođlu Devran. "Üniversite öğrencilerinin pandemi sürecinde uzaktan eğitim ortamlarının kullanımına ilişkin tutumlarının belirlenmesi." *International Conference EJERCongress 2021, Turkey (2021), July.*

Professional Contributions

- **Curriculum Development:** The MATLAB programs I developed in 2002 for the Numerical Analysis course continue to be a core component of the laboratory curriculum.
- **Teaching Support:** Since 2012, I have actively supported newly recruited faculty members and colleagues by sharing comprehensive lecture notes and instructional materials.
- **Digital Transformation & Leadership:** During the pandemic, I led the department's transition to online education by mastering Moodle and MS Teams. I organized training sessions and provided technical guidance to faculty members and assistants on managing online meetings and designing digital assessments.