

Teaching Experience

Rareş Răşdeaonu

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CONTACT INFORMATION

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EXPERIENCE

Research Associate Professor at Vanderbilt University

- Introduction to Differential Geometry (Math 3230)	Spring	2024
- Introduction to Applied Statistics (Math 2821)	Spring	2024
- Ordinary Differential Equations (Math 2610)	Fall	2024
- Multivariable Calculus (Math 2300)	Spring	2023
- Introduction to Applied Statistics (Math 2821)	Spring	2023
- Multivariable Calculus (Math 2300) - two sections	Fall	2022
- Introduction to Differential Geometry (Math 3230)	Spring	2022
- Introduction to Applied Statistics (Math 2821)	Spring	2022
- Methods of Linear Algebra (Math 2410) - two sections	Fall	2021
- Methods of Linear Algebra (Math 2410) - two sections	Spring	2021
- Introduction to Applied Statistics (Math 2821)	Spring	2021
- Linear Algebra (Math 2600)	Fall	2020
- Introduction to Analysis (Math 3100)	Spring	2020
- Introduction to Differential Geometry (Math 3230)	Spring	2020
- Ordinary Differential Equations (Math 2610)	Fall	2019
- The Theory of Numbers (Math 3800)	Fall	2019
- Introduction to Differential Geometry (Math 3230)	Spring	2019
- Introduction to Applied Statistics (Math 2821)	Spring	2019
- Linear Algebra (Math 2600)	Fall	2018

Assistant Professor at Vanderbilt University (NTT)

- Introduction to Differential Geometry	Spring	2018
- Introduction to Applied Statistics	Spring	2018
- Accelerated Single-Variable Calculus II	Fall	2017
- Multivariable Calculus	Fall	2017
- Ordinary Differential Equations	Spring	2017
- Introduction to Applied Statistics	Spring	2017
- The Theory of Numbers	Fall	2016
- Accelerated Single-Variable Calculus I	Fall	2016
- Methods of Ordinary Differential Equations	Spring	2016
- Introduction to Applied Statistics	Spring	2016
- Methods of Linear Algebra	Fall	2015

- Linear Algebra	Spring	2015
- Introduction to Applied Statistics	Spring	2015
- Multivariable Calculus	Fall	2014
- The Theory of Numbers	Fall	2014
- Linear Algebra	Fall	2013
- Accelerated Single-Variable Calculus II	Spring	2013
- Linear Algebra	Spring	2013
- Differential Equations with Linear Algebra	Spring	2013
- Accelerated Single-Variable Calculus I (2 sections)	Fall	2012
- Linear Algebra	Fall	2012
- Methods of Linear Algebra	Spring	2012
- Accelerated Single-Variable Calculus I	Fall	2011
- Differential Equations with Linear Algebra	Spring	2011
- Multivariable Calculus	Fall	2010

Visiting Assistant Professor at University of Michigan at Ann Arbor

- Lecturer and Coordinator for Calculus B	Spring	2006
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Visiting Assistant Professor at IMADA, University of Southern Denmark

- Lecturer and Coordinator for Multivariable Calculus	Fall	2005
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Teaching assistant at Stony Brook University

- Lecturer and Coordinator for Mathematical Problems and Games (Mat 160)	Spring	2000
- Lecturer and Coordinator for Introduction to Analysis (Mat 320)	Summer	2001
- Lecturer and Coordinator for Calculus III with Application (MAT 203)	Summer	2002
- Lecturer and recitation instructor for various classes in Calculus A,B	1997 -	2005
- Problem Seminar for graduate students (algebra section)	Spring	2000
- Produced material for the Learning Communities Program. An interdisciplinary project at Stony Brook University meant to create and implement novel teaching techniques.	Fall	1999

Undergraduate student at University of Bucharest

- Teaching practicum at Nicolae Bălcescu Highschool, Bucharest, Romania	Spring	1996
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Undergraduate research projects supervised

Independent study in Algebraic Geometry II at Vanderbilt University, Student: Connor Lehmacher.	Spring	2022
Independent study in Algebraic Geometry I at Vanderbilt University, Student: Connor Lehmacher.	Spring	2021
Research Project Adviser at Vanderbilt University Students: Jeffrey Chang and Dominick Xu Project: <i>Maxwell's Conjecture</i>	Summer	2020

Undergraduate Honors Thesis

Honors Thesis Adviser, Vanderbilt University - Student: Tim Zaklama Project: <i>Einstein Metrics on 4-Manifolds</i> , unfinished due to the Covid 19 outbreak		2019 - 2020
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Honors Thesis Committee Member, Vanderbilt University
- Students: Elijah Sheridan, Jeffrey Cheng 2022

Graduate research projects supervised

Advanced independent study in Algebraic Geometry at Vanderbilt University, Fall 2021
- Student: Sam Rizzo

Independent study in Algebraic Geometry at Vanderbilt University, Fall 2018
- Student: Zack Tripp.

Teaching Honors and Awards

- Nominated for the Madison Sarratt Prize for Excellence in Teaching and the Ellen Gregg Ingalls Award for Excellence in Classroom Teaching 2022
- Teaching Fellowship of the Learning Communities Program, SUNY at Stony Brook 1999

Outreach Activities

- Reader at Waverly-Belmont Elementary School, Nashville, TN Fall 2019
- Invited lecturer at the Math. Circle, Vanderbilt University Fall 2015, 2016
a faculty organized two hours weekly advanced problem session for highly motivated high-school students from Nashville area