

MATH 765 - MATHEMATICAL ANALYSIS I
FALL 2015

- **Instructor:** Professor Milena Stanislavova
- **Office:** Snow 525, Phone: 864-4369
- **Office Hours** MW 11:00-noon
- **Web:** stanis@ku.edu
<http://www.math.ku.edu/~stanis>
- **Prerequisite:** Math 223 or equivalent.
- **Goals:** To expose students to the rigorous theory of differentiation and the Riemann integration on the real line. Another goal is to systematically study sequences and series of numbers.
- **Text:** An introduction to Analysis, by William R. Wade, Fourth Edition
– ISBN 0132296381
- **Topics:** We will cover Chapters 1 - 6 of the book.
- **Homework:** There will be biweekly homework assignments, typically due on Friday. Each one will be covering roughly the material in one chapter of the book.
- **Exams:** There will be one midterm exam and a *comprehensive* final exam.
- **Grade:** The grade will be determined as follows:
Homework assignments - 20 %, Midterm exam - 30 %, Final exam - 50 %. As usual, 90 points will guarantee an A grade, 80 % will guarantee a B etc.
- **Students with disabilities:** The staff of Services for Students with Disabilities (SSD), 135 Strong, 785-864-2620, coordinates accommodations and services for KU sources. If you have a disability for which you may request accommodation in KU classes and have not contacted them, please do so as soon as possible. Please also see your instructor privately in regard to this course.
- **Religious observances:** Any student in this course who plans to observe a religious holiday which conflicts in any way with the course schedule or requirements should contact me as soon as possible to discuss alternative accommodations.