Instructor: Jiaping Wang; Vincent Hall 230, (612) 624-3829, wangx208@umn.edu

Office hours: MWF 2:30-3:20 (subject to change)

Course title and a brief description: Functional Analysis

This is one-year long course on functional analysis at the graduate level. We plan to cover most of the material in the textbook including general theory (Banach-Steinhaus theorem, open mapping theorem, Hahn-Banach theorem, spectrum of compact operator), distributions and Fourier transform, and spectral theory for self-adjoint operators on Hilbert spaces.


Assignments: Homework will be assigned regularly and posted on the web page www.math.umn.edu/~jiaping.

Exams: There will no exams.

Grading scheme: The final grade is based on homework completion.