The Ph.D. qualifying exam is based on the one semester graduate course Functional Analysis I, which includes the following topics:

2. Baire category theorem, uniform boundedness principle, open mapping theorem, closed graph theorem, Hahn-Banach theorem, separation of convex sets.
4. Compact operators.

Exam format:
There will be five problems in the exam. Each problem is worth 25 points. Only the best four solution of each student will be counted. The passing score is 60 points or more.

References: