Title: MATH 662:601 Quantitative Methods in Operator Algebras

Prerequisistes: N/A

Course Description: I will give an introduction to quantitative methods in operator algebras and a survey for recent developments
and applications to other subjects such as testability questions in group theory/analysis and asymptotic geometry.
If time allows, we will also discuss applications to mathematics physics. Along the way, I will pose many open questions.
This course is designed for both graduate students interested in exploring the general areas of operator algebras and PhD students
looking for thesis topics. No prerequisite in operator algebras is required.

Average time dedicated per week (estimate): 5 hours