

# Rubric for M.S. Thesis in Mathematics

Department of Mathematics and Statistics

## **1 High Pass**

The student has demonstrated a proficient understanding of the background material relevant to the research topic. The historical context of the topic was presented, as well as the relevance of the material among other areas of mathematics. When presented with questions by the thesis committee members, the student was able to provide complete answers with little or no assistance from his/her faculty advisor. The student is fully prepared to pursue this topic more fully as a doctoral thesis.

## **2 Pass**

The material within the thesis was presented by the student in a clear, concise manner. The student has demonstrated an adequate understanding of the background material relevant to the research topic. Motivation of the topic has been presented as well as understood, including some limited historical context. When presented with questions by the thesis committee members, the student was able to provide an answer with perhaps some assistance from his/her faculty advisor.

## **3 No Pass**

Either the amount of research completed was lacking, or the student was not fully prepared to present the results of the thesis. The presentation was incomplete, with the student perhaps lacking full understanding of the material. After receiving leading questions from the thesis committee, the student was unable to present complete answers.