

Department of Mathematics and Statistics
Oral Examination Summary

Student Name:

Date:

Committee Member Name:

Committee Member Role:		Major Advisor		Dept. Rep.		Grad. School Rep.		Paper Advisor
---------------------------	--	------------------	--	---------------	--	----------------------	--	------------------

Plan: A (Thesis) B (Research Paper) C (Coursework)

Research Paper/Thesis					
Outcome	1 Low	2	3	4	5 High
Student appears to have knowledge, skills, and common sense to conduct research that is fundamentally sound.					
Student appears to have used creative and logically sound reasoning in the research.					
Student exhibits good communication skills in the presentation of the research project.					

Coursework Examination					
Outcome	1 Low	2	3	4	5 High
Student appears to generally recall important definitions and theorems.					
Student appears to generally be able to obtain good proofs or derivations covered in the examination.					
Student appears to generally be able to use common mathematical models correctly.					

Are there any specific areas (algebra, analysis, etc.) of excellence or difficulty during the coursework examination?

Any comments concerning the written examination (for Plan C students only)?

		Quality Levels			
		1 – No Proficiency	3 – Some Proficiency	5 – High Proficiency	
Components	Research Paper/Thesis	Knowledge & skills	Student doesn't use or recognize standard techniques and skills	Student uses some standard techniques, but misses opportunities for others	Student consistently uses appropriate techniques and skills in their paper
		Reasoning	Student fails to use good reasoning in their arguments	Student sometimes uses good reasoning, but occasionally fails	Student's paper shows excellent reasoning
		Communication	Student is unable to communicate their ideas effectively	Student mostly succeeds in communicating their ideas, but fails in some cases	Student is able to consistently communicate their ideas in their paper
	Coursework Examination	Definitions & Theorems	Student is unable to recall most definitions and theorems	Student can recall only about half of the definitions	Student is able to recall almost all definitions and theorems
		Proofs & Derivations	Student fails to derive any of the standard results	Student can derive some relevant material, but fails with other material	Student can aptly derive almost all proofs or coursework results
Mathematical Models		Student is unable to recall basic mathematical/statistical models	Student can recall and use some models, but not all	Student is able to describe and use almost all appropriate models	