

Ecology Department Graduate Assessment Plan

Prepared by: David W. Roberts
Date: September 15, 2014

Program Learning Outcomes

M.S. students:

- Demonstrate a substantive breadth of knowledge of the field and sub-disciplines of ecology
- Demonstrate effective written and oral communication of scientific material, both from original and other sources
- Conduct substantive original research and produce written and oral reports of the body of work
- Conduct scholarly and professional activities in an ethical manner

Ph.D. students

- Demonstrate a substantive breadth of knowledge of the field and sub-disciplines of ecology
- Demonstrate effective written and oral communication of scientific material, both from original and other sources
- Conduct substantive original research and produce written and oral reports of the body of work
- Conduct scholarly and professional activities in an ethical manner
- Contribute to the development of the field of ecology and/or scientifically based natural resource management

Assessment Rubrics

M.S. Students

Data Source	Outcomes			
	1	2	3	4
Qualifying Exam	X			
Foundations of Ecology and Management	X			
Qualifying Exam		X		
Communication in Ecol. Science		X		
Thesis Defense		X		
Comprehensive Exam			X	
Thesis Defense			X	
Comprehensive Exam				X
Thesis Defense				X
CITI Course completion (if required)				X

Ph.D. Students

Data Source	Outcomes				
	1	2	3	4	5
Qualifying Exam	X				
Foundations of Ecology and Management	X				
Qualifying Exam		X			
Communication in Ecol. Science		X			
Thesis Defense		X			
Comprehensive Exam			X		
Thesis Defense			X		
Comprehensive Exam				X	
Thesis Defense				X	
CITI Course completion (if required)				X	
Publication in Scientific Literature					X
Presentation at Scientific Meeting					X
Outreach to Professional Practitioners					X