

Student Name: _____ Advisor Name: _____

Research Practicum (BIOL 4230/31/32) Grading Sheet

Note: The criteria pertaining to the student's oral presentation will be evaluated by all faculty members of the Department of Biology. The score from that sheet should be scaled to 15 points and placed in the oral presentation category.

*A poster may substitute for a paper only if the poster is presented at a conference.

Category		Comments to direct student in future research projects
Preparations for research		
Background & Experimental Design pts ____/10	<ul style="list-style-type: none"> • Ability to search for literature • Adequate reference list • Clarity of experimental design (appropriate experiment, understanding of controls and statistics) 	Comments:
Development of technical skills pts ____/10	<ul style="list-style-type: none"> • Demonstrates the skills necessary to carry out the research • Development of appropriate protocol using skills 	Comments:
Doing the research		
Data Collection pts ____/10	<ul style="list-style-type: none"> • Ability to collect data 	Comments:
Lab Notebook pts ____/10	<ul style="list-style-type: none"> • Thoroughness in recording data • Organization 	Comments:
Data analysis pts ____/10	<ul style="list-style-type: none"> • Ability to analyze data • Use of statistics if appropriate 	Comments:
Initiative pts ____/10	<ul style="list-style-type: none"> • Able to work independently • Enthusiasm and curiosity • Dedication to a research schedule and protocols 	Comments:
Time Spent on Project pts ____/10	<ul style="list-style-type: none"> • Time should be a minimum of 6 hours a week averaged out over the course of the semester. 	Comments:
Presenting the research		
Paper pts ____/15 OR Poster pts ____/15	<ul style="list-style-type: none"> • Follows appropriate format for a scientific paper • Writing ability (grammar & spelling) • Appropriate citations and literature cited section <hr style="border-top: 1px dashed black;"/> <ul style="list-style-type: none"> • Observed oral presentation of poster • Design of poster • Clarity of information on poster 	Comments: Comments:
Oral Presentation pts ____/15	<ul style="list-style-type: none"> • Tabulated points from oral grading rubric 	Comments:

Total Points Given _____/100

Overall Grade _____