

Student Name: \_\_\_\_\_ Advisor Name: \_\_\_\_\_

### Introductory Research (BIOL 3220/21) Grading Sheet

**Note:** The criteria pertaining to the student’s poster presentation will be evaluated by all faculty members of the Department of Biology who attend the presentations. Students also have the option to given an oral presentation in lieu of a poster. The score from either the poster rubric or oral presentation rubric should be scaled to 15 points and placed in the oral presentation category.

Category		Comments to direct student in future research projects
<b>Preparations for research</b>		
<b>Background &amp; Experimental Design</b>  pts ____/15	<ul style="list-style-type: none"> <li>• Ability to search for literature</li> <li>• Adequate reference list</li> <li>• Clarity of experimental design (appropriate experiment, understanding of controls and statistics)</li> </ul>	Comments:
<b>Development of technical skills</b>  pts ____/5	<ul style="list-style-type: none"> <li>• Demonstrates the skills necessary to carry out the research</li> <li>• Development of appropriate protocol using skills</li> </ul>	Comments:
<b>Doing the research</b>		
<b>Lab Notebook</b>  pts ____/10	<ul style="list-style-type: none"> <li>• Thoroughness in recording data, observations, or literature information</li> <li>• Organization</li> </ul>	Comments:
<b>Initiative</b>  pts ____/10	<ul style="list-style-type: none"> <li>• Able to work independently</li> <li>• Enthusiasm and curiosity</li> <li>• Dedication to a research schedule and protocols</li> </ul>	Comments:
<b>Time Spent on Project</b>  pts ____/10	<ul style="list-style-type: none"> <li>• Time should be a minimum of 6 hours a week averaged out over the course of the semester.</li> </ul>	Comments:
<b>Presenting the research</b>		
<b>Proposal or Paper*</b>  pts ____/15	<ul style="list-style-type: none"> <li>• Follows appropriate format for a scientific paper or research proposal</li> <li>• Writing ability (grammar &amp; spelling)</li> <li>• Appropriate citations and literature cited section</li> </ul>	Comments:
<b>Poster Presentation</b>  pts ____/15	<ul style="list-style-type: none"> <li>• Tabulated points from poster grading rubric</li> </ul>	Comments:

\*Some students enrolling in 3230/31 courses will be completing preliminary work and may generate a research proposal instead of a final paper detailing results. Other students may complete a project that generates data and write a final paper. Either satisfies the written component of the course. **This section will be graded by the faculty advisor only.**

Total Points Given \_\_\_\_\_/80

Overall Grade \_\_\_\_\_