

**Instructions:** This form is meant to provide common set of criteria to assess a master's level track II (non-thesis-option) oral and written qualifying examination. The degree committee, with input from the student's academic advisor, and instructors from courses taken by the student, should write a comprehensive written examination that may draw on course materials, review literature, and primary literature.

PLEASE RATE THE FOLLOWING: 4 = STRONGLY AGREE 1 = STRONGLY DISAGREE
<b>ORAL AND WRITTEN EXAMINATION:</b>
Exam answers demonstrate knowledge and understanding of quantitative biology concepts and approaches (statistical, computational and/or modeling) to biological problems:
Exam answers demonstrate knowledge and understanding of high-throughput experimental systems biology concepts and approaches to biological problems:
Exam answers demonstrate knowledge and understanding of ethical standards in executing scientific research:
Exam answers demonstrate ability to correctly interpret quantitative and systems methods and results of original scientific literature:
Exam answers demonstrate graduate-level scholarship in specialized areas of biology, including command of relevant historical and current literature and broader scientific context:
Exam answers demonstrate the ability to identify open research problems:
Exam answers demonstrate the ability to identify feasible techniques to approach open research problems:
Student can diagram key concepts extemporaneously for the purpose of argument or explanation:
<b>ORAL EXAMINATION:</b>
Student can clearly and effectively communicate about scientific concepts, inquiry and results through extemporaneous oral response to examination:
<b>WRITTEN EXAM MECHANICS:</b>
Spelling and grammar errors were not present or were so minor so that did not distract from the comprehensibility of the exam answers.

Please note any additional comments to the student regarding the qualifying examination below: