

# NDSU | Chemistry & Biochemistry

## Graduate Comprehensive Exam Report

Student's Name: \_\_\_\_\_

Date: \_\_\_\_/\_\_\_\_/20\_\_\_\_

Thesis Advisor: \_\_\_\_\_

Semester in Progress: \_\_\_\_\_

Degree Program:     Chemistry     Biochemistry

### Academic Status

*Plan of Study:*     Approved                       Proceed                       Revise                       Complete

*GPA:*                       Satisfactory                       Needs improvement     Unsatisfactory

### Performance in Areas of Program Outcomes

Scoring Table	Excellent (4)	Good (3)	Fair (2)	Poor (1)	Inadequate (0)
Composite score based on evidence of continued growth in the areas of the didactic outcomes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ability to identify, locate and critically read the chemical literature	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Independence in identifying relevant avenues of chemical and biochemical research and applying scientific methods of inquiry to the experimental design and strategy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ability to effectively communicate scientific ideas and results to professional audiences through seminars, conference presentations and peer-reviewed publications, and to lay audiences through outreach activities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ability to critique the validity of scientific results and conclusions practices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Knowledge and understanding of laboratory hazards and safe laboratory work practices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Knowledge and understanding of sound data management and archiving practices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Totals ( $n \times$ score)					
Grand total					

Overall score (0.0 – 4.0): Grand Total/7 = \_\_\_\_\_

### Exam Evaluation & Program Recommendation

Seminar grade: \_\_\_\_\_

Written proposal score: \_\_\_\_\_

Oral exam score: \_\_\_\_\_

Pass

Provisional pass

Fail

Continue on current degree path

Transfer to MS track

Terminate

### Narrative Summary

(Provide a detailed description of the student's strengths and weaknesses along with a critical assessment of their progress toward achieving the program outcomes. Use continuing page, as necessary.)

***Narrative Summary, cont.***

(Provide a detailed description of the student's strengths and weaknesses along with a critical assessment of their progress toward achieving the program outcomes.)

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