Requirements are typically 33 months of full-time study, completing at least 60 semester hour credits. Minimum of post-MS credits: 18 course credits, 21 research credits Total graduate credits: 90 total, 36 didactic (18 at the 700 level).
Graduate Bulletin: http://www.ndsu.edu/gradschool/bulletin/d_psychology.html

1. A master’s degree in Psychology or related field.  Date completed _______________

2. Complete Quantitative and Research Methods Course
   _____ Advanced Research Methods and Analysis (Psyc 762); Semester Taken ____________

3. Complete 3 Courses in the Core of Visual and Cognitive Neuroscience

<table>
<thead>
<tr>
<th>700 Level</th>
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<tr>
<td>718 - Visual Neuroscience</td>
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<tr>
<td>720 - Cognitive Neuroscience</td>
</tr>
<tr>
<td>727 - Advanced Topics in Visual Perception</td>
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<tr>
<td>731 - Fundamental Processes in Cognition</td>
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<tr>
<td>760 - Neuroscience Research Methods</td>
</tr>
<tr>
<td>764 - Advanced Topics in Attention</td>
</tr>
</tbody>
</table>

NDSU 1st Course # ___________ Semester & Year __________
NDSU 2nd Course # ___________ Semester & Year __________
NDSU 3rd Course # ___________ Semester & Year __________
(Psyc 760 may be repeated for credit with a change in topic given in the subtitle.)

4. Complete at least 1 600 or 700 level breadth course in area outside topic area.
   Course ___________________________________________ Semester Taken ____________

5. Teaching of Psychology. Students will complete a graduate course in teaching strategies
   Hum 702, Psyc 791 – The Teaching of Academic Psychology. ______________
   or Biol 705/Educ 705- Teaching College Science. ______________
   Also, all students will teach a full semester course in psychology for which the students should
   enroll for 5 credits in Psyc 794 - Teaching Practicum. Semester taught __________

6. Completing the requirements for #s 2, 3, 4, and 5 above fulfills the requirement of 36 credits
   total (including MS courses) of approved didactic courses.

7. Participate in a continued program of research apprenticeship with at least one faculty
   member and, accordingly, enroll in Psyc 793 each semester for 1-5 credits.

8. Participate and fulfill the requirements for the Graduate Seminar (Psyc 790) each semester
   for 1 credit. This is the Psychology Department’s Colloquium Series.

9. Select a Major Advisor – with the approval of the program/department chair
   Suggested First term of First Year; conducted _____________________________

10. Recruit an Advisory Committee, Meet with Advisory Committee Regarding Plan of Study
    Coursework, and general directions for a topic/area of research
    Suggested April of First Year; conducted _____________________________

11. Prepare a Plan of Study, Receive Signed Approval of it from Committee members and
    Department Chair, and deposit Plan of Study with Graduate College
12. Complete a **major area paper** to serve as the comprehensive exam for Ph.D. candidacy. Meet with Advisory Committee members regarding general directions for a topic and area of review. **Suggested April of First Year**

Write an acceptable major area paper - **Date of Oral Defense**

**Suggested oral defense date, September of 2nd year**

13. Write an acceptable **Dissertation Proposal** (suggested meeting time, October of 2nd year)

**Date of Proposal Meeting**

**Date of Dissertation Committee Approval**

14. **Dissertation Credits**, enroll in Psyc 799 each semester while pursuing dissertation research. Not fewer than 6 credits and no more than 15 credits total

15. **Presentation of Dissertation Research**. A full presentation of each student’s dissertation research to the faculty is expected, generally as part of the colloquium series.

**Date of Presentation**

16. Submit an acceptable **Dissertation** and successfully defend it (suggested April of 2nd year)

**Date of Oral Defense**

**Date of Approval by Dissertation Committee**

**Date of Final Copy Approval by Graduate College**

17. Complete at least **90 hours of graduate credit** including those completed for the master’s degree. These credits must be earned with an overall GPA of 3.0 or better. Of this total of 90 credits, at least 60 credits must be earned at NDSU.

Possible breadth courses:
Psyc 782, Emotions
Psyc 735, Neural Networks
Zool 766, Neurophysiology
Psci 746, Neuropharmacology
Stat 661, Applied Regression Analysis
Stat 665, Meta-analysis Methods
Stat 725, Applied Statistics