COURSEWORK FOR PH.D. LEARNING AND COGNITION CONCENTRATION

The curriculum below will satisfy the requirements in this area in PsyF as well as the core requirements in Educational Psychology. EPSy and PsyF core courses must be graded A/F, not S/N. At least 2/3 of course credits on the Graduate Degree Plan must be taken under the A/F grading system.

Submit this checklist with the Graduate Degree Plan to your adviser.

Name: ___________________ Adviser(s): ___________________

EPSY core requirements
EPsy core requirements and a list of courses that satisfy the EPSY core requirements are listed in the Ed Psych Student Handbook at http://www.cehd.umn.edu/EdPsych/Current/Default.html. [If you will be petitioning a substitute for any of the core courses, submit an Internal Petition Form.]

9 credits from at least two areas in history/systems, social/personality or learning/cognition

_____ You must take the following course:
EPSY 8905—History and Systems of Psychology: Landmark Issues in Educational Psychology (3 cr.)

_____ For students in Learning and Cognition, one of the following Social courses is required:
o EPSY 5151—Cooperative Learning (3 cr.)
o EPSY 5157—Social Psychology of Education (3 cr.)
o PSY 5135—Psychology of Individual Differences (3 cr.)
o PSY 5202—Attitudes and Social Behavior (3 cr.)
o PSY 5205—Applied Social Psychology (3 cr.)
o PSY 5207—Personality and Social Behavior (3 cr.)
o PSY 8201—Social Cognition (3 cr.)
o CPSY 8302—Developmental Psychology: Social and Emotional Processes (4 cr.)

For students in Learning and Cognition, one of the required learning and cognition courses will satisfy the remaining 3 credits of this requirement.

_____ 6 credits in research methods (plus a pre-dissertation project)—you must take the following two courses:
o EPSY 5216—Introduction to Research in Educational Psychology and Human Development (3 cr.)
o EPSY 8216—Seminar: Research Processes in Psychological Foundations of Education (3 cr.)

_____ 6 credits in statistics
o EPSY 8251—Methods in Data Analysis for Educational Research I (preferred)
  OR EPSY 8261—Statistical Methods I: Probability and Inference (3 cr.)
o EPSy 8252—Methods in Data Analysis for Educational Research II (preferred)
  OR EPSY 8262—Statistical Methods II: Regression and the General Linear Model (3 cr.)

_____ 3 credits in measurement or evaluation
o EPSY 5221—Basic Principles of Educational Measurement (3 cr.)
o EPSY 5243—Principles and Methods of Evaluation (3 cr.)
o PSY 5862—Psychological Measurement: Theory and Methods (3 cr.)

9 credits EPSY electives—specialization courses in L&C can be used to satisfy this requirement
**Required learning and cognition courses—minimum 6 credits**

You must take at least two of the following courses (check courses taken):

- EPSY 5101—Intelligence and Creativity (3 cr.)
- EPSY 5112—Knowing, Learning, and Thinking (3 cr.)
- EPSY 5113—Psychology of Instruction and Technology (3 cr.)
- EPSY 5114—Psychology of Student Learning (3 cr.)
- EPSY 5115—Psychology of Adult Learning and Instruction (3 cr.)
- EPSY 5119—Mind, Brain, and Education (3 cr.)
- EPSY 5191—Education of the Gifted and Talented (3 cr.)
- EPSY 5200—Special Topics: Psychological Foundations (3 cr.)

**Specialization courses in learning and cognition—minimum 12 credits**

You must take some combination of the following courses (check courses taken):

*EPSY 8114 may be repeated up to three times*

- EPSY 8112—Mathematical Cognition (3 cr.)
- EPSY 8113—The Psychology of Scientific Reasoning (3 cr.)
- EPSY 8114—Seminar: Cognition and Learning (3 cr.)
- EPSY 8114—Seminar: Cognition and Learning (3 cr.)
- EPSY 8114—Seminar: Cognition and Learning (3 cr.)
- EPSY 8115—Psychology of Instruction and Technology (3 cr.)
- EPSY 8116—Reading for Meaning: Cognitive Processes in the Comprehension of Texts (3 cr.)
- EPSY 8117—Writing Empirical Papers and Research/Grant Proposals in Education and Psychology (3 cr.)
- EPSY 8290—Special Topics: Seminar in Psychological Foundations (3 cr.) [consult with adviser]

**External courses (check with adviser)**

You must complete a minimum of 9 credits of coursework outside the Educational Psychology department (if declaring a minor, check with intended minor department for credit and course requirements).

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**Dissertation**

EPSY 8888—Thesis Credits: Doctoral, 24 credits

Total credits: 72