

**NEAG**  
School of Education



*The Neag School of Education is unwavering in its commitment to offer high-quality programs of study and to conduct meaningful research that speaks to the critical issues in education, technology, sports, and health and wellness.*

*We are proud to be ranked 21 among all graduate schools of education in the U.S. (#1 among publics in the northeast). Our reputation for quality was a key factor in our selection as one of 11 members of the Carnegie Corporation's prestigious Teachers for a New Era network.*



**Required Courses for the Ph.D. Degree**

- EPSY 5605 - Quantitative Methods in Research I
- EPSY 5607 - Quantitative Methods in Research II
- EPSY 5510 - Learning: Its Implications for Education
- EPSY 5602 - Educational Tests and Measurement
- EPSY 5220 - Introduction to Educational Technology
- EPSY 5621 - Construction of Evaluation Instruments
- EPSY 5613 - Multivariate Analysis in Educational Research
- EPSY 5515 - Professional Seminar in Cognition and Instruction (6 credits)
- EPSY 5530 - Theories of Learning and Cognition
- EPSY 5520 - Instructional Design
- EPSY 6601 - Methods of Educational Research
- EPSY 6560 - Instructional Psychology

GRAD 6950 - Dissertation Preparation (15 credits)

Note: While these are the courses that all doctoral students are required to take, additional courses will also be required. These are determined by the advising committee and the student, and are designed to prepare all students to meet their individual research goals and aspirations.

Visit us online at:  
[www.education.uconn.edu](http://www.education.uconn.edu)



**Cognition and Instruction Program  
Department of Educational Psychology  
Neag School of Education  
University of Connecticut**

249 Glenbrook Road, Unit 2064  
Storrs, Connecticut 06269

Phone: (860) 486-4031  
Fax: (860) 486-0210



**Graduate Programs in  
Cognition and  
Instruction**



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## Cognition and Instruction Program Overview

### How do people think and learn?

### How can an understanding of cognition be put into practice to design learning and literacy environments?

Questions like these are of central concern to members of the Cognition and Instruction program.

The Department of Educational Psychology at the University of Connecticut sponsors three programs in Cognition and Instruction:

- **Master of Arts Degree**
- **Sixth-Year Diploma**
- **Doctor of Philosophy Degree**

These graduate programs focus on applying theory and research on learning, thinking, literacy, and teaching to instructional practice for learners of all ages.

The programs bridge the gaps among psychological theory, research, and educational practice.

Core courses focus on research methods, perception, learning, cognition, cognitive development, research methods, instructional theories, and models derived from cognitive science.

### Master of Arts Degree

- Serves as a stepping-stone for those who would like to continue in a Ph.D. program.
- Includes two options:
  - (1) A thesis option (Plan A), which consists of approximately 24-27 credits plus 9 credits of thesis preparation.
  - (2) A comprehensive examination option (Plan B), which consists of approximately 30 credits plus a comprehensive examination.
- Students may select either option to complete their degree requirements.

### Sixth-Year Diploma

- Provides advanced graduate students an opportunity to pursue a course of study beyond the Master's degree.
- Continues the academic preparation of experienced and qualified educational administrators, supervisors, and master teachers in their areas of specialization.
- Options include...
  - (1) Part- or full-time study.
  - (2) A minimum of 30 credits from course offerings.

### Doctor of Philosophy Degree

- Prepares the professional whose primary interests involve learning, teaching, and research.
- Typically includes about 90 credits of course work beyond the bachelors degree, which includes at least 15 credits of GRAD 6950 (Dissertation Research).
- Encourages full-time graduate study, although some students work part-time in the community, typically in positions related to their graduate program.

## Our Faculty

### Scott W. Brown, Ph.D.

*Professor of Educational Psychology*

Research Interests: Problem-Based Learning; Memory Research; Problem Solving; Decision Making

### Donald J. Leu, Ph.D.

*John and Maria Neag Endowed Chair in Literacy and Technology*

Research Interests: Cognitive and Instructional Issues Related to Literacy and Technology; New Literacies of the Internet; Elementary Reading Instruction

### Jason M. Stephens, Ph.D.

*Assistant Professor of Educational Psychology*

Research Interests: Human Motivation; Moral Reasoning; Academic Integrity; Civic Education

### Michael F. Young, Ph.D.

*Associate Professor of Educational Psychology*

Research Interests: Situated Cognition as a Theory for Thinking and Learning; Development of Instructional Technologies; Log-File Analyses; the Impact of Online Games in Education



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