



# INDIANA UNIVERSITY

SCHOOL OF EDUCATION

Department of Counseling and  
Educational Psychology  
Bloomington

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March 19, 2012

Dear Policy Council:

Attached, please find a revised program of studies for the doctoral program in Learning and Developmental Sciences, Learning Sciences specialization.

The revised POS is not a fundamental redesign. Instead, it reflects several attempts to (a) better align the distributional requirements with the format of the Doctoral Student Guide; and (b) relax the requirements that specific course numbers must be used to fulfill those distributional requirements.

The goals of the revision are to (a) decrease student and advisor confusion regarding which courses satisfy which distributional requirements; and (b) increase the flexibility students and advisors have in choosing relevant courses.

Examples:

- (1) While maintaining the programs' commitment to 15 inquiry credit hours, the revised POS requires only 9 of those credit hours come from the List of Approved Inquiry Core Classes. The remaining 6 credit hours are reclassified as electives.
- (2) While maintaining the number of required learning sciences seminars, the revised POS no longer requires that specific course numbers (P631, P632, and P633) be used to satisfy this requirement. Instead, the student's POS Committee has the flexibility to choose seminars that they determine focus on (a) *Theorizing*: the study of one or more learning theories relevant to the learning sciences; (b) *Designing*: the study of the design of educational environments using principles from learning theory; or (c) *Capturing*: the study of research methodology and assessment practice relevant to the learning sciences.

If you have any questions or concerns, please contact me at 812-856-8231 or [njsbrown@indiana.edu](mailto:njsbrown@indiana.edu).

Sincerely,

Nathaniel J. S. Brown

## Doctoral Program in Learning and Developmental Sciences Learning Sciences Specialization

<b>I. Major</b>	<b>36 hours</b>
Applied Cognition and Learning Strategies (EDUC-P 544)	3 hrs.
Introduction to the Learning Sciences (EDUC-P 572)	3 hrs.
Learning sciences seminars	12-15 hrs.
Includes a minimum of two 3-hr. courses on theorizing and one 3-hr. course on designing. These courses and the inquiry linkage course taken together must include a minimum of two 3-hr. 600-level courses.	
<b>Early Inquiry Experience</b>	
Learning Sciences Apprenticeship (EDUC-P 573)	12-15 hrs.
Apprenticeship may be taken for 1-3 credit hours each semester. During one semester, you must carry out an independent research project as your early inquiry experience. The resulting research report must be read and approved by your advisory committee.	
<b>Inquiry Linkage</b>	
Additional learning sciences seminar	3 hrs.
This seminar must focus on capturing.	
<b>II. Inquiry Core</b>	<b>9 hours</b>
Methodological Approaches to Educational Inquiry (EDUC-Y 521)	3 hrs.
Additional approved core inquiry courses	6 hrs.
The current list of courses is available at: <a href="http://education.indiana.edu/CurrentStudents/EdDPhDPoliciesandForms/tabid/5288/Default.aspx">http://education.indiana.edu/CurrentStudents/EdDPhDPoliciesandForms/tabid/5288/Default.aspx</a> . These courses and the inquiry methodology electives taken together must include a minimum of one 3-hr. quantitative course and one 3-hr. qualitative course.	
<b>III. Minor</b>	<b>12 hours</b>
Must contribute to the integrity of the program. Specific course requirements are under the direction of the minor department. Typical minors include Psychology, Sociology, Special Education, Curriculum and Instruction (e.g., Mathematics Education, Science Education, Arts Education), Instructional Systems Technology, Linguistics, Informatics, Cognitive Science, and Computer Science.	
<b>IV. Electives or Second Minor</b>	<b>18 hours</b>
Must contribute to the integrity of the program.	
Inquiry methodology electives	6 hrs.
Additional electives or second minor	12 hrs.
<b>V. Dissertation</b>	<b>15 hours</b>
Dissertation Proposal Preparation (EDUC-P 795)	3 hrs.
Doctoral Thesis in Educational Psychology (EDUC-P 799)	12 hrs.
<b>Total</b>	<b>90 hours</b>