DEGREE REQUIREMENTS FOR PH.D. IN PSYCHOLOGY WITH CONCENTRATION IN BILINGUALISM, LANGUAGE, AND COGNITION

CURRICULUM

I. Core Requirements

A. Statistics and Research Methods Courses (at least 12 semester hours)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>PSYC 6307</td>
<td>Applied Correlation and Regression Methods</td>
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<tr>
<td>PSYC 6308</td>
<td>Experimental Design and Analysis of Variance</td>
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<tr>
<td>PSYC 6334</td>
<td>Foundations of Research</td>
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At least one additional research methods course approved by the BLC area
(It is understood that this final course may be in Psychology, Linguistics, Speech-Language Pathology, or another department if appropriate.)

B. Research (at least 24 semester hours)

Across the different research courses, students must enroll for research with at least 2 different faculty members. It is recommended to work with at least 1 faculty member from psychology and 1 from linguistics or speech-language pathology.

1. First Year Research (6 semester hours)

   PSYC 6380 and PSYC 6381 (First Year Project)
   OR 2 semesters of LING 5370 (Independent Research)
   OR 2 semesters of SPLP 5372 (Problems/Projects in SLP)
   Project must involve empirical work and be presented in the 2nd year.

2. Research Applications/Independent Study (at least 6 semester hours)

   PSYC 6385 (Research Applications)
   OR LING 5370 (Independent Research)
   OR SPLP 5372 (Problems/Projects in SLP)

   These courses can be repeated for credit. Mixing across departments or taking all with in the same department are both acceptable. At least one semester of this course must be taken with a faculty member who is not the primary mentor.

3. Masters Thesis Research (at least 6 semester hours)

   PSYC 5395/6395 and PSYC 5396/6396
   OR LING 5398 and LING 5399
   OR SPLP 5398 and SPLP 5399

   The masters thesis must be empirical in nature.

4. Dissertation Research (at least 6 semester hours)

   PSYC 6398 and PSYC 6399

C. Breadth Requirements (at least 6 semester hours)

Any of the following options for breadth may be chosen.

1. Breadth Courses in Psychology
Examples include but are not limited to the following:
PSYC 6372 Behavioral Neuroscience
PSYC 6376 Developmental Psychology
PSYC 6330 Social Behavior

2. **Breadth Courses in Linguistics**

LING 5301 Principles of Linguistic Analysis
LING 5309 Generative Syntax
or LING 3302 Syntax
LING 5312 Functionalist Syntax
LING 5320 Phonology
or LING 3301 Phonology
or LING 3307 English Phonetics and Phonology
or LING 3311 Spanish Phonetics and Phonology
LING 5348 Second Language Acquisition
LING 5370 First Language Acquisition
LING 5388 Bilingualism

Note: Selecting undergraduate course options above requires registration for graduate credit with agreement to complete extra graduate-level course requirements

3. **Breadth Courses in Speech-Language Pathology**

Up to one general overview course on typical language or speech (requires registration for graduate credit with agreement to complete extra graduate-level course requirements):
SPLP 3310 Language Development
SPLP 4311 Fundamentals of Speech Science
SPLP 4312 Neural Bases of Speech and Language

Additional courses from among the following:
SPLP 5320 Research Design in Communication Disorders
SPLP 5360 Aphasia and Related Disorders
SPLP 5362 Language Disorders in School-Aged Children
SPLP 5366 Communication Disorders and Literacy
SPLP 5372 Problems/Project in Speech-Language Pathology
(special topics course)
SPLP 5376 Multicultural/Multilingual Issues in Communication Disorders

4. **Breadth Courses in Quantitative Psychology**

PSYC 6303 Seminar in Meta-Analysis
PSYC 6304 Categorical Data Analysis
PSYC 6323 Psychometrics
PSYC 6302 Structural Equation Modeling
PSYC 6335 Selected Topics – e.g., Multilevel Modeling
SPLP 5320 Research Design in Communication Disorders

5. **Customized plan to be approved by area faculty**
II. Concentration Area Courses

A. Required Courses in Concentration Area (at least 9 semester hours)

Courses may include but are not limited to Human Memory, Attention and Human Performance, Language, Cognitive Neuroscience, Cognitive Development, and Cognitive Aging. These course topics may be offered through special topics course PSYC 6355.

B. Electives (to bring total hours to 78)

Electives may include additional research or formal courses. Examples of relevant courses include but are not limited to the following:

- LING 5107 Seminar in Special Topics in Linguistics
- LING 5370 Study in Language (Special Topics Course, Topics Vary)
- LING 5373 Linguistic Variation
- LING 5374 Language Testing
- SPLP 5330 Differential Diagnosis of Communication Disorders
- SPLP 5359 Fluency Disorders
- SPLP 5372 Problems/Projects in SLP (Special Topics, Topics Vary)
- SPLP 5375 Articulation/Phonology Disorders

ADDITIONAL REQUIREMENTS

The area will follow existing departmental procedures except where noted below. The following sections detail any additions or modifications to standard department procedures.

Composition of Thesis and Dissertation Committees

Thesis committees will follow the rules of the department in which they are completed.

Dissertation committees must have at least 5 members. The chair of the committee must be a psychology faculty member, although a linguistics or speech-language pathology faculty member may co-chair a dissertation committee with a psychology faculty member. At least three members of the committee (including the chair) must be faculty in the psychology department.

Approval of Courses

Approval will be handled by the area committee.

ADMISSIONS ISSUES

The area will follow existing departmental procedures except where noted below.

Admissions

Students currently in the UTEP psychology Ph.D. program may petition to be switched to the BLC area. Such petitions will be reviewed by the BLC area committee for approval. Students from SCN would need approval of the area committee.

Transfer of Theses from Other Departments or Institutions

For a thesis in psychology, linguistics, or speech-language pathology from UTEP or another institution to fulfill this requirement, it must be empirical in nature. Theses from institutions other than UTEP must be reviewed by at least two members of the BLC area committee for approval.