PhD Cognates in the Department of Teaching and Learning

Because most of the comprehensive exams in the department are designed to reflect the body of coursework in the core program area of study and in two cognate areas, the selection of cognates in a PhD student's course plan is important. And because cognates, in effect, represent a minor area of student, they are often used by students to enhance their job marketability. Below you will find a list of all the cognates sponsored by program areas in the Department of Teaching and Learning. This is not an exhaustive list. Students, together with their advisors, are still free to customize their own cognates. The list offered below, however, does afford students a set construction of courses that they know they can take to fulfill a cognate, against which they can plan and schedule.

Curriculum Theory and Development

7E:186 Curriculum Foundations
7E:300 Design and Organization of the Curriculum
1 from the following options:
   7B:38 Analysis and Appraisal of Curriculum
   7B:265 Standard-based Education and Accountability
   7P:255 Construction and Use of Evaluation Instruments

Elementary Literacy

7E:415 Seminar in Language, Literacy and Culture: Historical and Theoretical Perspectives
7E:415 Seminar in Language, Literacy and Culture: variable topics
1 course from the following options:
   7E:204 Children’s Literature II
   7E:264 Early Literacy Development and Instruction
   7E:265 Intermediate Grade Reading
   7E:308 variable topics approved by LLC Faculty member
7S:183 Second Language Classroom Learning

7S:200 Fundamentals of Second Language Assessment

1 course from the following options, after consultation with program area faculty:

- S:180 Issues in Foreign Language Education
- 7S:184 Reading in a Second Language
- 7S:197 Principles of Course Design for Second Language Instruction
- 7S:203 Second Language Planning in Education

---

**Gifted Education**

I. Administrative Strand

2 courses from the following options, after consultation with program area faculty:

- 7B: 110 Administrative Policy Issues in Gifted Education
- 7B: 112 Evaluation of Gifted Programs
- 7P: 113 Staff Development in Gifted Education
- 7P: 127 Research and Theory in Talent/Giftedness

II. Programming Strand

- 7E/S/U: 196: Topics in Curriculum and Instruction: Program Models in Gifted Education

III. Psychology Strand

2 courses from the following options, after consultation with program area faculty:

- 7C/P: 120 Psychology of Giftedness
- 7C/P: 121 Identification of Students for Gifted Programs
- 7C/P: 226 Assessment of Giftedness (preferred for doctoral students)
- 7C/7U: 137 Introduction to Educating Gifted Students
- 7C: 237 Seminar in Gifted Education
Global Education

7E/7S:341 Infusing a Global Perspective into the Curriculum
7B:104 Education in the Third World
7B:195 Research in Cross-cultural Settings

Language, Literacy and Culture

7E/S:415 Seminar in Language, Literacy and Culture: Historical and Theoretical Perspectives
7E/S:415 Seminar in Language, Literacy and Culture: variable topics
1 course from the following options:

- 7E/S:308 Reading and Writing in Households and Communities
- 7E/S:308 variable topics as approved by LLC Faculty member

Math Education

7S:235/7E:235 Current Issues in Mathematics Education
7E/S:335 Seminar: Research in Mathematics Education
2 courses from the following options:

- 7S:230/7E:230 Workshop in School Mathematics
- 7S:231/7E:231 Technology in School Mathematics
- 7S:234/7E:234 Foundations of Mathematics Education
- 7S:236 Teaching of Geometry
- 7S:239 Teaching of Algebra
7S:415 Seminar in Language, Literacy and Culture: Historical and Theoretical Perspectives

7S:415 Seminar in Language, Literacy and Culture: variable topics

1 course from the following options:

7S:193 Reading and Teaching Adolescent Literature

7S:308 variable topics as approved by LLC Faculty member

7S:315 or 8P:405 Seminar in English Education

7S:257 Learning in the Science Classroom

7S:259 Advanced Pedagogy

7S/7E:250 Assessment in Teaching & Research

I. Special Education – Generalist

7U:140 Characteristics of Disabilities

7U:354 Current Issues in Learning Disabilities

7U:348 Contemporary Research in Behavioral Disabilities

II. Special Education – Research

7U:354 Current Issues in Learning Disabilities

7U:348 Contemporary Research in Behavioral Disabilities

7U:353 Single Subject Design Research

III. Special Education – Behavioral Disorders

7U:140 Characteristics of Disabilities

7U:230 Behavioral and Social Interventions

7U:348 Contemporary Research in Behavioral Disabilities
IV. Special Education – Learning Disabilities

7U:140 Characteristics of Disabilities

7U:275 Explicit Instruction

7U:354 Current Issues in Learning Disabilities