**PhD in Teaching and Learning**
**Recommended/Elective Courses**

These courses are recommended/elective courses that can be used with approval of a student’s major advisor within the Area of Specialization (depending on track and research focus) for the PhD in Teaching and Learning.

**Curriculum Electives**

- EDG 7222  
  Curriculum: Theory and Research (3)
- EDG 7665  
  Seminar in Curriculum (3)
- EDG 7692C  
  Politics of Curriculum (3)
- EDG 7667C  
  Advanced Topics in Curriculum Studies
- EEC 6277  
  Thinking and Learning in the 21st Century (3)

**Educational Psychology Electives**

- EDF 6211  
  Educational Psychology: Applied Foundations (intermediate level) (3)
- EDP 7057  
  Educational Psychology: Advanced Applications (3)
- EDP 6276  
  Human Development: Childhood and Adolescence (3)
- EDP 7058  
  Behavioral Interventions: Research and Evaluation (3)
- SPS 7407  
  Behavioral Interventions in the Schools (3)

**English Education Electives**

- LAE 6935  
  Seminar in English Education (3)
- LAE 6925  
  Composition Research: Issues and Trends (3)
- LAE 7938  
  Doctoral Seminar in English Education (3)
- LAE 5426  
  Multicultural Perspectives in Language & Literacy
- LAE 5465  
  Adolescent Literature

**International/Intercultural Education Electives**

- EDF 6852  
  Educational Development Issues in Context: A Multidisciplinary Approach (3)
- EDF 6365  
  Cultural Identities and Conflict (3)
- EDF 7656  
  Comparative and International Education Policy (3)
- EDF 6658  

**Literacy Electives**

- RED 6008  
  Family Literacy: Research and Practice (3)
- RED 6747  
  Research in Reading (3)
- RED 6931  
  Seminar in Reading Education (3)
- RED 7938  
  Doctoral Seminar in Reading Education (3)
- RED 7642  
  Critical Issues in Literacy Research and Practice (3)

**Mathematics Education Electives**

- MAE 6318  
  Instruction in Elementary Mathematics (3)
- MAE 6336  
  Teaching Mathematics in the Secondary School (3)
- MAE 6745  
  Current Trends and Issues in Mathematics Education (3)
MAE 7165 Curriculum Development in Mathematics Education (3)
SMT 6105 Knowing and Learning in STEM Education (3)
SMT 6120 Issues and Perspectives in STEM Education Research (3)
MAE 5348 Number and Operations for Teaching in Grades K–5 (3)
MAE 5382 Number Systems, Rational Numbers, and Operations for Teaching in Secondary School (3)
MAE 6357 Elementary Teaching of Algebra and Data Analysis (3)
MAE 6337 Secondary Teaching of Algebra, Statistics, and Probability (3)
MAE 6358 Elementary Teaching Geometry and Measurement (3)
MAE 6381 Secondary Teaching of Proportional Reasoning and Geometry (3)

Physical Education Electives
PET 5236 Special Topics in Physical Education (3)
PET 5931 Special Topics in Exercise Physiology (3)

Science Education Electives
SCE 6545 Science Education and Community Resources (3)
SCE 7145 Curriculum Development in Science Education (3)
SCE 7761 Research in Science Education (3)
SMT 6105 Knowing and Learning in STEM Education (3)
SMT 6120 Issues and Perspectives in STEM Education Research (3)
SCE 6933 Seminar in Science Education
SCE 7938 Doctoral Seminar in Science Education

Social Foundations Electives
EDF 6608 Social, Philosophical, and Historical Foundations of Education (3)
EDF 7937 Advanced Topics in the Social Foundations of Education (3)
EDF 6689 Contemporary Issues in Urban Education (3)
EDF 7934 Advanced Seminar in Social Foundations (3)
EDF 7937 Advanced Topics in the Social Foundations of Education (3)
EDF 6689 Contemporary Issues in Urban Education (3)

Social Studies Electives
SSE 6355 Instruction in Elementary Social Studies (3)
SSE 6394 Social Studies in Other Nations (3)
SSE 6633 Teaching Social Studies in the Secondary Schools (3)
SSE 6795 Seminar: Research in Social Studies Education
SSE 6939 Seminar in Social Studies Education
SSE 7938 Doctoral Seminar in Social Studies

Special Education Electives
EEX 6848 Seminar in Special Education: Issues and Trends (3)
EEX 6535 Seminar in Special Education: Supervision and Leadership (3)
EEX 6765 Instructional Technology (3)
EEX 6796 Culturally and Linguistically Diverse Exceptional Learners (3)
EEX 6756 Working with Families of Students with Disabilities through Collaborative Approaches (3)
EEX 5210 Assessment and Strategies for Students with Autism Spectrum Disorders (3)
EEX 5767  Assistive and Instructional Technology and Alternate/Augmentative Systems for Students with Autism (3)
EEX 5619  Behavioral Management and Positive Behavioral Supports for Students with Autism Spectrum Disorders (3)
EEX 5095  Nature and Needs of Students with Autism Spectrum Disorders (3)
EEX 7933  Advanced Topics in Special Education (3)
EEX 7795  Advanced Issues in the Education of Culturally and Linguistically Diverse Students with Exceptionalities (3)
EEX 7977  Research and Evaluation in Special Education (3)

**Technology Education Electives**

EME 6433  Learning Technologies in Science Education (3)
EME 6507  Advanced Interactive Multimedia (3)
EME 7457  Teaching and Learning at a Distance (3)