

## **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 21 <sup>st</sup> 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 | Selected Topics: International Development Education, Current Policy Issues, and Problems |

### **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)