## Timeline for the K-8 Mathematics Education Specialization within CIEEDD

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<th>Year 1</th>
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| **Fall** | MAE 7805 Policies, Practices, and Structures in K-8 Mathematics Education  
MAE 7817 Content Knowledge for Teaching K-8 Mathematics I |
| **Spring** | EDP 7517 Facilitating Learning, Development & Motivation  
EDF 7457 Data, Assessment & Accountability  
**MAE 7930 Seminar in K-8 Mathematics Education (2 credits)** |
| **Summer** | EDA 7101 Organizational Theory in Education  
EDF 7494 Identifying Complex Problems of Practice |

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<th>Year 2</th>
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| **Fall** | MAE 7804 Content Knowledge for Teaching K-8 Mathematics II  
MAE 7367 Instructional Coaching in K-8 Mathematics |
| **Spring** | EDF 7478 Analysis of Complex Problems of Practice  
Research Elective: choose one of: EDG 6285, EDF 7403, EDF 7463, EDF 7475, EDF7916, or research elective approved by program  
**MAE 7930 Seminar in K-8 Mathematics Education (1 credit)**  
**Milestone 1:** Gap analysis paper – approved by program faculty. Due by the end of February. |
| **Summer** | IDS 7500 Research Seminar  
LAE 6296 Advanced Writing Workshop  
**Milestone 2:** Dissertation prospectus, Annotated Bibliography, Initial Committee due early Summer.  
**Milestone 3:** Dissertation Committee approval of prospectus and annotated bibliography due in June.  
Mandatory Summer Year 2 Webcourse |

| Year 3 | Dissertation in Practice 18 hours |

Mathematics Education courses are designated in bold text.